Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050734.D
Acq On : 26 Oct 2021 16:55
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD080402

Manual Integrations APPROVED
mohammad
10/27/2021 11:49:53 AM

Quant Time: Oct 26 17:34:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	35653	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	150676	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.880	164	95784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.623	188	210046	20.000	ng/ul	0.00
79) Chrysene-d12	21.936	240	170136	20.000	ng/ul	0.00
88) Perylene-d12	25.361	264	168585	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.604	96	31331	32.286	ng/uL	0.00
4) Pyridine-d5	4.028	84	249697	86.350	ng/ul	0.00
7) Phenol-d5	7.394	99	291314	93.520	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.565	67	184086	93.901	ng/ul	0.00
11) 2-Chlorophenol-d4	7.782	132	207213	94.938	ng/ul	0.00
15) 4-Methylphenol-d8	8.957	113	222208	94.246	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	104812	99.435	ng/ul	0.00
24) 2-Nitrophenol-d4	10.156	143	123234	108.934	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	205709	92.086	ng/ul	0.00
31) 4-Chloroaniline-d4	11.213	131	287926	90.223	ng/ul	0.00
46) Dimethylphthalate-d6	14.274	166	604610	92.233	ng/ul	0.00
49) Acenaphthylene-d8	14.574	160	744852	90.479	ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	111373	88.212	ng/ul	0.01
60) Fluorene-d10	15.867	176	519641	87.986	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	113299	108.145	ng/ul	0.00
73) Anthracene-d10	17.729	188	767396	86.481	ng/ul	0.00
81) Pyrene-d10	20.003	212	835272	92.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.138	264	775293	91.458	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	37541	31.975	ng/uL	92
5) Pyridine	4.051	79	256016	87.404	ng/ul	97
6) Benzaldehyde	7.382	77	112143	54.588	ng/ul	96
8) Phenol	7.424	94	298145	93.380	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.659	93	224638	93.800	ng/ul	96
12) 2-Chlorophenol	7.811	128	205518	92.035	ng/ul	90
13) 2-Methylphenol	8.687	108	220951	93.904	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.775	45	351251	97.755	ng/ul	97
16) Acetophenone	9.086	105	336666	89.871	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.069	70	208176	92.469	ng/ul	95
18) 4-Methylphenol	9.028	108	229975	92.290	ng/ul	94
19) Hexachloroethane	9.345	117	88427	92.139	ng/ul	99
22) Nitrobenzene	9.468	77	299701	94.869	ng/ul	99
23) Isophorone	9.997	82	565155	93.088	ng/ul	99
25) 2-Nitrophenol	10.185	139	123682	106.374	ng/ul	98
26) 2,4-Dimethylphenol	10.232	107	260949	90.414	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.467	93	304863	93.009	ng/ul	97
29) 2,4-Dichlorophenol	10.720	162	197458	89.281	ng/ul	96
30) Naphthalene	11.131	128	668030	86.356	ng/ul	97
32) 4-Chloroaniline	11.237	127	288826	89.897	ng/ul	96
33) Hexachlorobutadiene	11.401	225	134367	83.601	ng/ul	99
34) Caprolactam	12.018	113	78759m	92.174	ng/ul	
35) 4-Chloro-3-methylphenol	12.341	107	244735	93.858	ng/ul	99
36) 2-Methylnaphthalene	12.717	142	451492	85.845	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050734.D
Acq On : 26 Oct 2021 16:55
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080402

Manual Integrations APPROVED
mohammad
10/27/2021 11:49:53 AM

Quant Time: Oct 26 17:34:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.935	142	447929	84.600	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.082	216	241361	87.317	ng/ul#	98
40) Hexachlorocyclopentadiene	13.052	237	145475	79.359	ng/ul	92
41) 2,4,6-Trichlorophenol	13.317	196	167481	96.130	ng/ul	95
42) 2,4,5-Trichlorophenol	13.393	196	176561	92.643	ng/ul	97
43) 1,1'-Biphenyl	13.716	154	580485	90.054	ng/ul	99
44) 2-Chloronaphthalene	13.763	162	457491	90.593	ng/ul	97
45) 2-Nitroaniline	13.963	65	193413	116.985	ng/ul	92
47) Dimethylphthalate	14.321	163	594533	90.142	ng/ul	99
48) 2,6-Dinitrotoluene	14.451	165	134211	108.178	ng/ul	95
50) Acenaphthylene	14.609	152	746531	89.400	ng/ul	99
51) 3-Nitroaniline	14.786	138	112779	83.568	ng/ul	88
52) Acenaphthene	14.944	153	502476	91.044	ng/ul	98
53) 2,4-Dinitrophenol	14.991	184	77849	100.669	ng/ul#	87
55) 4-Nitrophenol	15.091	109	109144	87.422	ng/ul	99
56) Dibenzofuran	15.279	168	688411	85.764	ng/ul	95
57) 2,4-Dinitrotoluene	15.238	165	185039	102.712	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.496	232	139945	85.390	ng/ul#	89
59) Diethylphthalate	15.679	149	630421	91.604	ng/ul	100
61) Fluorene	15.925	166	541005	84.718	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.908	204	291197	84.199	ng/ul	93
63) 4-Nitroaniline	15.949	138	99374	72.916	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.002	198	111212	107.389	ng/ul	98
67) N-Nitrosodiphenylamine	16.119	169	489392	92.150	ng/ul	98
68) 4-Bromophenyl-phenylether	16.801	248	182476	93.311	ng/ul	92
69) Hexachlorobenzene	16.924	284	186034	90.340	ng/ul	99
70) Atrazine	17.065	200	207887	91.936	ng/ul	97
71) Pentachlorophenol	17.271	266	103133	76.474	ng/ul	99
72) Phenanthrene	17.670	178	906738	86.481	ng/ul	98
74) Anthracene	17.764	178	883557	85.090	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.681	216	263398	95.117	ng/uL	97
76) Pentachlorobenzene	15.191	250	235948	93.265	ng/uL	98
77) Carbazole	18.029	167	829559	89.255	ng/ul	97
78) Di-n-butylphthalate	18.563	149	1032262	93.725	ng/ul	98
80) Fluoranthene	19.668	202	1051430	92.548	ng/ul	96
82) Pyrene	20.032	202	997905	89.074	ng/ul#	94
83) Butylbenzylphthalate	20.896	149	448927	108.714	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.818	252	318506	90.828	ng/ul	99
85) Benzo(a)anthracene	21.912	228	934392	91.100	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.783	149	635176	107.042	ng/ul	100
87) Chrysene	21.983	228	894583	91.011	ng/ul	99
89) Di-n-octyl phthalate	23.064	149	1068809	110.334	ng/ul	100
90) Benzo(b)fluoranthene	24.269	252	959675	93.458	ng/ul	98
91) Benzo(k)fluoranthene	24.345	252	862549	90.271	ng/ul	97
93) Benzo(a)pyrene	25.214	252	900074	91.867	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.339	276	1033289m	93.934	ng/ul	
95) Dibenzo(a,h)anthracene	29.398	278	873221	93.283	ng/ul	96
96) Benzo(g,h,i)perylene	30.579	276	860234	92.769	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050734.D
Acq On : 26 Oct 2021 16:55
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 26 17:34:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080402

Manual Integrations APPROVED
mohammad
10/27/2021 11:49:53 AM