Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049984.D
Acq On : 26 Aug 2021 20:55
Operator : CG/JU
Sample : PB138723BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS723

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:31 PM

Quant Time: Aug 27 02:01:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	28507	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	112909	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	75264	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.384	188	154036	20.000	ng/ul	-0.01
79) Chrysene-d12	21.654	240	133981	20.000	ng/ul	-0.01
88) Perylene-d12	24.885	264	138370	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	3934	7.116	ng/uL	-0.01
4) Pyridine-d5	3.755	84	60542	36.358	ng/ul	-0.02
7) Phenol-d5	7.139	99	90511	37.390	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.291	67	49798	37.028	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.503	132	70848	39.115	ng/ul	-0.01
15) 4-Methylphenol-d8	8.695	113	70283	36.866	ng/ul	0.00
21) Nitrobenzene-d5	9.142	128	33529	38.303	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.870	143	40871	39.212	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.417	165	73658	39.620	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	90079	35.598	ng/ul	-0.01
46) Dimethylphthalate-d6	14.029	166	226388	39.303	ng/ul	-0.01
49) Acenaphthylene-d8	14.323	160	278667	41.262	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.858	143	27796	33.354	ng/ul	0.00
60) Fluorene-d10	15.627	176	190752	39.059	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	37412	37.752	ng/ul	-0.01
73) Anthracene-d10	17.483	188	281128	40.643	ng/ul	-0.01
81) Pyrene-d10	19.774	212	308616	42.625	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	283294	38.591	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	9479	14.065	ng/uL	98
5) Pyridine	3.773	79	64827	36.021	ng/ul	91
6) Benzaldehyde	7.098	77	59204	42.501	ng/ul	94
8) Phenol	7.168	94	95665	39.126	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.385	93	66374	39.324	ng/ul	94
12) 2-Chlorophenol	7.538	128	72658	40.595	ng/ul#	85
13) 2-Methylphenol	8.425	108	73259	38.836	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.502	45	70181	39.651	ng/ul#	94
16) Acetophenone	8.801	105	121466	39.068	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.783	70	61206	39.206	ng/ul	93
18) 4-Methylphenol	8.760	108	77256	38.069	ng/ul	87
19) Hexachloroethane	9.054	117	32354	41.305	ng/ul	96
22) Nitrobenzene	9.183	77	96782	40.803	ng/ul	97
23) Isophorone	9.712	82	171167	40.503	ng/ul	97
25) 2-Nitrophenol	9.900	139	42821	42.256	ng/ul	90
26) 2,4-Dimethylphenol	9.964	107	91670	40.704	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.187	93	91673	42.008	ng/ul	96
29) 2,4-Dichlorophenol	10.446	162	73507	43.079	ng/ul	96
30) Naphthalene	10.839	128	230672	40.874	ng/ul	98
32) 4-Chloroaniline	10.951	127	91919	37.719	ng/ul	91
33) Hexachlorobutadiene	11.121	225	58840	42.626	ng/ul	93
34) Caprolactam	11.727	113	22555m	37.735	ng/ul	
35) 4-Chloro-3-methylphenol	12.091	107	84948	41.655	ng/ul	99
36) 2-Methylnaphthalene	12.455	142	172952	41.227	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049984.D
Acq On : 26 Aug 2021 20:55
Operator : CG/JU
Sample : PB138723BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS723

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:31 PM

Quant Time: Aug 27 02:01:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.672	142	164157	38.767	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.819	216	97461	44.088	ng/ul#	93
40) Hexachlorocyclopentadiene	12.796	237	22469	22.711	ng/ul	89
41) 2,4,6-Trichlorophenol	13.066	196	61682	43.785	ng/ul	91
42) 2,4,5-Trichlorophenol	13.148	196	61343	41.547	ng/ul	94
43) 1,1'-Biphenyl	13.459	154	222765	42.365	ng/ul	98
44) 2-Chloronaphthalene	13.506	162	174164	41.236	ng/ul	99
45) 2-Nitroaniline	13.712	65	58616	40.876	ng/ul	92
47) Dimethylphthalate	14.076	163	228686	40.117	ng/ul	100
48) 2,6-Dinitrotoluene	14.206	165	49231	41.831	ng/ul	96
50) Acenaphthylene	14.352	152	255032	41.317	ng/ul	98
51) 3-Nitroaniline	14.540	138	43242	38.076	ng/ul#	93
52) Acenaphthene	14.693	153	187788	41.939	ng/ul	96
53) 2,4-Dinitrophenol	14.764	184	19291	32.093	ng/ul#	85
55) 4-Nitrophenol	14.869	109	36632	34.669	ng/ul	93
56) Dibenzofuran	15.028	168	248286	40.041	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	69163	40.855	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	51509	42.100	ng/ul#	91
59) Diethylphthalate	15.439	149	230359	39.502	ng/ul	96
61) Fluorene	15.680	166	208872	39.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.668	204	114113	41.226	ng/ul	96
63) 4-Nitroaniline	15.704	138	42162	37.202	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.774	198	34753	38.690	ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	179737	44.320	ng/ul	99
68) 4-Bromophenyl-phenylether	16.567	248	78086	45.825	ng/ul	93
69) Hexachlorobenzene	16.690	284	86373	43.896	ng/ul	99
70) Atrazine	16.837	200	77071	42.778	ng/ul	98
71) Pentachlorophenol	17.043	266	22119	26.547	ng/ul	91
72) Phenanthrene	17.425	178	332076	43.244	ng/ul	97
74) Anthracene	17.425	178	332076	42.674	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.430	216	101244	48.990	ng/uL	87
76) Pentachlorobenzene	14.952	250	97575	44.558	ng/uL	94
77) Carbazole	17.789	167	284104	41.029	ng/ul	100
78) Di-n-butylphthalate	18.335	149	349715	39.489	ng/ul	99
80) Fluoranthene	19.440	202	390759	43.736	ng/ul	99
82) Pyrene	19.804	202	378008	42.697	ng/ul	99
83) Butylbenzylphthalate	20.673	149	150896	43.190	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.549	252	132305	41.658	ng/ul#	99
85) Benzo(a)anthracene	21.637	228	355557	42.590	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.525	149	211967	44.178	ng/ul	99
87) Chrysene	21.701	228	338912	42.945	ng/ul	95
89) Di-n-octyl phthalate	22.735	149	344570	41.977	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	373138	42.158	ng/ul	99
91) Benzo(k)fluoranthene	23.928	252	349141	41.499	ng/ul	96
93) Benzo(a)pyrene	24.732	252	322801	41.995	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.586	276	414674	40.896	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.639	278	346728	40.848	ng/ul	95
96) Benzo(g,h,i)perylene	29.737	276	342394	40.165	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049984.D
Acq On : 26 Aug 2021 20:55
Operator : CG/JU
Sample : PB138723BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 02:01:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS723

Manual Integrations APPROVED
mohammad
8/27/2021 5:08:31 PM