Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049771.D
Acq On : 11 Aug 2021 1:22
Operator : CG/JU
Sample : M3244-06MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE05MS

Manual Integrations APPROVED
mohammad
8/11/2021 9:33:33 PM

Quant Time: Aug 11 05:02:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	27074	20.000	ng/ul	0.00
20) Naphthalene-d8	10.853	136	116230	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.689	164	81061	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.438	188	159868	20.000	ng/ul	0.00
79) Chrysene-d12	21.720	240	145830	20.000	ng/ul	0.00
88) Perylene-d12	24.992	264	146988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	1212	2.093	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.193	99	35480	14.440	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	21376	15.145	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	27245	15.492	ng/ul	0.00
15) 4-Methylphenol-d8	8.750	113	23573	12.583	ng/ul	0.00
21) Nitrobenzene-d5	9.202	128	15852	17.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.930	143	18199	17.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	33518	17.001	ng/ul	0.00
31) 4-Chloroaniline-d4	10.994	131	3190	1.182	ng/ul	0.00
46) Dimethylphthalate-d6	14.084	166	110702	17.402	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	131531	17.379	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	11063	10.756	ng/ul	0.00
60) Fluorene-d10	15.681	176	98609	18.034	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	16769	15.585	ng/ul	0.00
73) Anthracene-d10	17.538	188	122282	16.204	ng/ul	0.00
81) Pyrene-d10	19.829	212	153129	19.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	131817	16.367	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.445	88	3058m	4.358	ng/uL	
6) Benzaldehyde	7.169	77	31377m	23.961	ng/ul	
8) Phenol	7.222	94	38041	15.627	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.445	93	27617	16.352	ng/ul	98
12) 2-Chlorophenol	7.598	128	30021	17.070	ng/ul	95
13) 2-Methylphenol	8.485	108	24327	12.763	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.567	45	31878m	16.516	ng/ul	
16) Acetophenone	8.861	105	56040	18.023	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.838	70	28889	17.282	ng/ul#	94
18) 4-Methylphenol	8.814	108	31428	15.782	ng/ul#	69
19) Hexachloroethane	9.120	117	13612	17.452	ng/ul#	87
22) Nitrobenzene	9.249	77	43933	16.181	ng/ul	97
23) Isophorone	9.766	82	82596	17.990	ng/ul#	96
25) 2-Nitrophenol	9.966	139	19392	18.106	ng/ul	95
26) 2,4-Dimethylphenol	10.030	107	4418	1.787	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.248	93	40426	17.379	ng/ul#	92
29) 2,4-Dichlorophenol	10.500	162	35329	18.945	ng/ul	97
30) Naphthalene	10.905	128	111781	18.416	ng/ul	98
32) 4-Chloroaniline	11.023	127	5443m	2.107	ng/ul	
33) Hexachlorobutadiene	11.187	225	26214	17.114	ng/ul	91
34) Caprolactam	11.781	113	6630m	11.120	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	37366	17.290	ng/ul	98
36) 2-Methylnaphthalene	12.509	142	86179	18.542	ng/ul	98
37) 1-Methylnaphthalene	12.732	142	82016	18.135	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049771.D
Acq On : 11 Aug 2021 1:22
Operator : CG/JU
Sample : M3244-06MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE05MS

Manual Integrations APPROVED
mohammad
8/11/2021 9:33:33 PM

Quant Time: Aug 11 05:02:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.879	216	47127	18.720	ng/ul	93
40) Hexachlorocyclopentadiene	12.856	237	15624	10.522	ng/ul	99
41) 2,4,6-Trichlorophenol	13.126	196	32362	20.088	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.202	196	33990	19.663	ng/ul#	95
43) 1,1'-Biphenyl	13.520	154	112979	18.710	ng/ul	98
44) 2-Chloronaphthalene	13.567	162	90394	19.123	ng/ul	92
45) 2-Nitroaniline	13.766	65	30954	18.600	ng/ul	93
47) Dimethylphthalate	14.131	163	117134	18.551	ng/ul	98
48) 2,6-Dinitrotoluene	14.260	165	24077	18.671	ng/ul	94
50) Acenaphthylene	14.412	152	127455	17.849	ng/ul	97
51) 3-Nitroaniline	14.595	138	7320m	6.376	ng/ul	
52) Acenaphthene	14.753	153	94642	18.556	ng/ul	98
53) 2,4-Dinitrophenol	14.806	184	10944	15.403	ng/ul	86
55) 4-Nitrophenol	14.912	109	18770	13.955	ng/ul#	85
56) Dibenzofuran	15.088	168	131537	18.591	ng/ul	97
57) 2,4-Dinitrotoluene	15.047	165	33924	18.238	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.317	232	29046	20.391	ng/ul#	96
59) Diethylphthalate	15.493	149	122056	19.172	ng/ul	95
61) Fluorene	15.734	166	106412	18.494	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.722	204	57097	18.227	ng/ul	97
63) 4-Nitroaniline	15.752	138	10752	10.017	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.816	198	15485	15.358	ng/ul#	92
67) N-Nitrosodiphenylamine	15.940	169	83629	18.980	ng/ul	94
68) 4-Bromophenyl-phenylether	16.621	248	39413	21.194	ng/ul	97
69) Hexachlorobenzene	16.745	284	42992	20.422	ng/ul	97
70) Atrazine	16.886	200	34064	17.574	ng/ul	94
71) Pentachlorophenol	17.097	266	19821m	19.660	ng/ul	
72) Phenanthrene	17.479	178	171012	20.211	ng/ul	98
74) Anthracene	17.573	178	143242	16.923	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.484	216	49626	21.133	ng/uL	99
76) Pentachlorobenzene	15.006	250	51967	20.985	ng/uL	96
77) Carbazole	17.843	167	145882	19.287	ng/ul	98
78) Di-n-butylphthalate	18.389	149	189160	20.455	ng/ul	99
80) Fluoranthene	19.494	202	195476	19.713	ng/ul#	97
82) Pyrene	19.852	202	195910	19.808	ng/ul	98
83) Butylbenzylphthalate	20.733	149	77200	20.482	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.650	252	1144m	0.331	ng/ul	
85) Benzo(a)anthracene	21.703	228	182192	19.029	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.591	149	108039	19.568	ng/ul	99
87) Chrysene	21.767	228	179021	20.020	ng/ul	98
89) Di-n-octyl phthalate	22.819	149	177566	19.367	ng/ul	100
90) Benzo(b)fluoranthene	23.958	252	189318	19.706	ng/ul	96
91) Benzo(k)fluoranthene	24.023	252	181526	19.029	ng/ul	93
93) Benzo(a)pyrene	24.845	252	153691	18.172	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.746	276	214461m	19.323	ng/ul	
95) Dibenzo(a,h)anthracene	28.817	278	183112	19.777	ng/ul	96
96) Benzo(g,h,i)perylene	29.939	276	162730	17.631	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049771.D
Acq On : 11 Aug 2021 1:22
Operator : CG/JU
Sample : M3244-06MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 11 05:02:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JCE05MS

Manual Integrations APPROVED
mohammad
8/11/2021 9:33:33 PM