Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049273.D
Acq On : 10 Jul 2021 19:47
Operator : CG/JU
Sample : M2914-06MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK45MS

Manual Integrations APPROVED
mohammad
7/12/2021 12:35:21 PM

Quant Time: Jul 11 00:38:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	28225	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	119554	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	84981	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.472	188	202211	20.000	ng/ul	0.00
79) Chrysene-d12	21.755	240	200556	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	208005	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.465	96	3413	5.688	ng/uL	0.00
4) Pyridine-d5	3.893	84	15738	8.920	ng/ul	0.00
7) Phenol-d5	7.219	99	17139	6.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	46620	32.739	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	45525	25.089	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	31760	16.145	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	29663	32.333	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	33716	32.015	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.509	165	62364	30.348	ng/ul	0.00
31) 4-Chloroaniline-d4	11.026	131	77246	28.845	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	273913	41.911	ng/ul	0.00
49) Acenaphthylene-d8	14.411	160	282609	36.854	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	10316	9.536	ng/ul	0.00
60) Fluorene-d10	15.709	176	220544	39.857	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	54501	42.404	ng/ul	0.00
73) Anthracene-d10	17.566	188	386773	42.011	ng/ul	0.00
81) Pyrene-d10	19.851	212	464209	45.160	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.828	264	482696	44.641	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.500	88	3950	5.405	ng/uL#	78
5) Pyridine	3.911	79	19052	9.734	ng/ul	93
6) Benzaldehyde	7.201	77	53455	36.191	ng/ul	97
8) Phenol	7.248	94	18786	7.651	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.483	93	54960	30.104	ng/ul	86
12) 2-Chlorophenol	7.636	128	44901	24.515	ng/ul	95
13) 2-Methylphenol	8.512	108	35494	18.978	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.600	45	91469	31.149	ng/ul#	95
16) Acetophenone	8.899	105	99966	30.980	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.882	70	52325	31.913	ng/ul	94
18) 4-Methylphenol	8.835	108	32498	16.702	ng/ul	99
19) Hexachloroethane	9.164	117	20368	24.561	ng/ul	89
22) Nitrobenzene	9.281	77	83183	32.152	ng/ul#	95
23) Isophorone	9.810	82	143533	32.116	ng/ul	98
25) 2-Nitrophenol	9.998	139	32740	30.472	ng/ul	94
26) 2,4-Dimethylphenol	10.051	107	48358	20.327	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.286	93	76060	31.922	ng/ul#	90
29) 2,4-Dichlorophenol	10.539	162	54211	28.872	ng/ul	96
30) Naphthalene	10.944	128	177805	29.829	ng/ul	98
32) 4-Chloroaniline	11.050	127	72114	27.314	ng/ul	96
33) Hexachlorobutadiene	11.232	225	42122	26.454	ng/ul	97
34) Caprolactam	11.831	113	3617m	5.537	ng/ul	
35) 4-Chloro-3-methylphenol	12.160	107	63157	30.112	ng/ul	88
36) 2-Methylnaphthalene	12.548	142	140734	31.075	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.765	142	139670	31.012	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.912	216	86803	32.520	ng/ul	96
40) Hexachlorocyclopentadiene	12.895	237	31443	17.738	ng/ul	97
41) 2,4,6-Trichlorophenol	13.147	196	60133	34.828	ng/ul	88
42) 2,4,5-Trichlorophenol	13.224	196	65682	35.766	ng/ul	94
43) 1,1'-Biphenyl	13.553	154	191601	33.372	ng/ul	97
44) 2-Chloronaphthalene	13.594	162	147944	32.889	ng/ul	97
45) 2-Nitroaniline	13.794	65	68281	41.403	ng/ul	92
47) Dimethylphthalate	14.164	163	250115	41.231	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	55658	42.603	ng/ul	91
50) Acenaphthylene	14.440	152	238829	35.019	ng/ul	99
51) 3-Nitroaniline	14.616	138	46749	39.297	ng/ul	92
52) Acenaphthene	14.781	153	177345	35.806	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	33011	39.870	ng/ul#	87
55) 4-Nitrophenol	14.922	109	14223	10.415	ng/ul#	83
56) Dibenzofuran	15.116	168	267994	38.180	ng/ul	98
57) 2,4-Dinitrotoluene	15.074	165	81154	43.047	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	71024	41.243	ng/ul#	88
59) Diethylphthalate	15.527	149	276130	42.347	ng/ul	98
61) Fluorene	15.768	166	238624	40.168	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.756	204	130042	39.819	ng/ul	98
63) 4-Nitroaniline	15.785	138	48725	41.722	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.838	198	50440	41.239	ng/ul#	88
67) N-Nitrosodiphenylamine	15.968	169	213124	41.397	ng/ul	99
68) 4-Bromophenyl-phenylether	16.655	248	92905	41.193	ng/ul	96
69) Hexachlorobenzene	16.772	284	108180	42.353	ng/ul	97
70) Atrazine	16.919	200	102202	43.376	ng/ul	98
71) Pentachlorophenol	17.113	266	62489	40.991	ng/ul	99
72) Phenanthrene	17.513	178	415125	42.090	ng/ul	98
74) Anthracene	17.607	178	409300	40.625	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.517	216	92723	33.613	ng/uL	95
76) Pentachlorobenzene	15.039	250	113938	38.934	ng/uL	99
77) Carbazole	17.871	167	384410	42.770	ng/ul	99
78) Di-n-butylphthalate	18.423	149	469090	41.714	ng/ul	100
80) Fluoranthene	19.522	202	531461	44.455	ng/ul	99
82) Pyrene	19.881	202	524669	44.046	ng/ul	99
83) Butylbenzylphthalate	20.762	149	204302	43.687	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.643	252	176289	37.622	ng/ul	98
85) Benzo(a)anthracene	21.731	228	521888	42.344	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.631	149	291600	42.751	ng/ul	99
87) Chrysene	21.802	228	494333	42.402	ng/ul	99
89) Di-n-octyl phthalate	22.865	149	496158	42.377	ng/ul	100
90) Benzo(b)fluoranthene	23.999	252	560955m	43.715	ng/ul	
91) Benzo(k)fluoranthene	24.070	252	523362	41.830	ng/ul	96
93) Benzo(a)pyrene	24.898	252	483657	42.829	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.823	276	643888	44.192	ng/ul	95
95) Dibenzo(a,h)anthracene	28.888	278	536711	44.473	ng/ul	96
96) Benzo(g,h,i)perylene	30.004	276	533245	44.266	ng/ul	97

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

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