Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049748.D
Acq On : 9 Aug 2021 22:22
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Manual Integrations APPROVED
mohammad
8/10/2021 4:33:37 PM

Quant Time: Aug 10 02:46:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	27672	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	113601	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	77108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	155270	20.000	ng/ul	0.00
79) Chrysene-d12	21.732	240	135787	20.000	ng/ul	0.00
88) Perylene-d12	25.016	264	134877	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1163m	1.965	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.205	99	34509	13.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	20047	13.897	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.569	132	27276	15.175	ng/ul	-0.01
15) 4-Methylphenol-d8	8.756	113	22565	11.784	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	14801	16.540	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	17079	16.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	31273	16.229	ng/ul	0.00
31) 4-Chloroaniline-d4	11.006	131	3300	1.251	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	99852	16.502	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	121086	16.820	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	11429	11.682	ng/ul	0.00
60) Fluorene-d10	15.688	176	87959	16.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	13046	12.484	ng/ul	0.00
73) Anthracene-d10	17.550	188	112314m	15.324	ng/ul	0.00
81) Pyrene-d10	19.835	212	134958	18.039	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.799	264	116565	15.772	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	2867	3.997	ng/uL#	85
6) Benzaldehyde	7.176	77	32344	24.165	ng/ul#	80
8) Phenol	7.234	94	37739	15.168	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.458	93	26422	15.307	ng/ul	90
12) 2-Chlorophenol	7.610	128	28296	15.742	ng/ul	94
13) 2-Methylphenol	8.486	108	23917	12.276	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.562	45	30994	15.711	ng/ul#	89
16) Acetophenone	8.867	105	52774	16.606	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.844	70	26232	15.354	ng/ul#	97
18) 4-Methylphenol	8.820	108	28200	13.855	ng/ul	97
19) Hexachloroethane	9.126	117	13153	16.500	ng/ul#	86
22) Nitrobenzene	9.249	77	43690	16.464	ng/ul	97
23) Isophorone	9.778	82	76223	16.986	ng/ul	99
25) 2-Nitrophenol	9.972	139	18764	17.926	ng/ul#	87
26) 2,4-Dimethylphenol	10.025	107	4676	1.936	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.260	93	38783	17.058	ng/ul	98
29) 2,4-Dichlorophenol	10.518	162	32149	17.639	ng/ul	95
30) Naphthalene	10.918	128	102049	17.202	ng/ul	98
32) 4-Chloroaniline	11.023	127	5698	2.257	ng/ul#	79
33) Hexachlorobutadiene	11.200	225	25695	17.163	ng/ul	93
34) Caprolactam	11.787	113	6239m	10.707	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	35294	16.709	ng/ul	93
36) 2-Methylnaphthalene	12.521	142	81337	17.906	ng/ul	97
37) 1-Methylnaphthalene	12.745	142	78244	17.701	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.891	216	43172	18.028	ng/ul#	94
40) Hexachlorocyclopentadiene	12.868	237	9874	6.991	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.132	196	28839	18.819	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.209	196	30517	18.559	ng/ul	98
43) 1,1'-Biphenyl	13.526	154	104376	18.171	ng/ul	100
44) 2-Chloronaphthalene	13.573	162	80860	17.983	ng/ul	98
45) 2-Nitroaniline	13.778	65	28446	17.970	ng/ul	94
47) Dimethylphthalate	14.143	163	109576	18.244	ng/ul	97
48) 2,6-Dinitrotoluene	14.266	165	22625	18.444	ng/ul	93
50) Acenaphthylene	14.419	152	118496	17.445	ng/ul	98
51) 3-Nitroaniline	14.601	138	8968	8.212	ng/ul#	90
52) Acenaphthene	14.759	153	89060	18.357	ng/ul	92
53) 2,4-Dinitrophenol	14.812	184	7579	11.214	ng/ul	95
55) 4-Nitrophenol	14.918	109	17202	13.445	ng/ul#	82
56) Dibenzofuran	15.094	168	122848	18.253	ng/ul	97
57) 2,4-Dinitrotoluene	15.059	165	31686	17.908	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.323	232	26328	19.430	ng/ul#	85
59) Diethylphthalate	15.500	149	109580	18.095	ng/ul	96
61) Fluorene	15.746	166	99585	18.195	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.735	204	54632	18.334	ng/ul	93
63) 4-Nitroaniline	15.764	138	10655m	10.435	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.829	198	13047	13.323	ng/ul#	88
67) N-Nitrosodiphenylamine	15.946	169	75258	17.586	ng/ul	97
68) 4-Bromophenyl-phenylether	16.627	248	35126	19.448	ng/ul	97
69) Hexachlorobenzene	16.757	284	40120	19.623	ng/ul	96
70) Atrazine	16.898	200	31887	16.938	ng/ul	93
71) Pentachlorophenol	17.097	266	19163m	19.570	ng/ul	
72) Phenanthrene	17.491	178	153726	18.706	ng/ul	99
74) Anthracene	17.579	178	133942	16.293	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.496	216	43522	19.083	ng/uL	97
76) Pentachlorobenzene	15.018	250	49432	20.552	ng/uL	94
77) Carbazole	17.849	167	137051	18.656	ng/ul	99
78) Di-n-butylphthalate	18.402	149	166335	18.519	ng/ul	99
80) Fluoranthene	19.500	202	174136	18.860	ng/ul#	98
82) Pyrene	19.864	202	175267	19.032	ng/ul	97
83) Butylbenzylphthalate	20.740	149	68512	19.521	ng/ul	97
85) Benzo(a)anthracene	21.715	228	162693	18.249	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	97244	18.916	ng/ul	100
87) Chrysene	21.779	228	157177	18.877	ng/ul	99
89) Di-n-octyl phthalate	22.831	149	153552	18.252	ng/ul	100
90) Benzo(b)fluoranthene	23.970	252	171089	19.408	ng/ul	98
91) Benzo(k)fluoranthene	24.035	252	161656	18.468	ng/ul	98
93) Benzo(a)pyrene	24.863	252	140615	18.119	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.787	276	195829	19.228	ng/ul	99
95) Dibenzo(a,h)anthracene	28.840	278	165133m	19.436	ng/ul	
96) Benzo(g,h,i)perylene	29.968	276	145008	17.122	ng/ul#	97

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

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