Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050026.D
Acq On : 28 Aug 2021 12:07
Operator : CG/JU
Sample : SP5662
Misc : SFAM SPIKE
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 29 03:00:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP5662

Manual Integrations APPROVED

mohammad

8/30/2021 10:33:43 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	25380	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	105785	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	71124	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	161021	20.000	ng/ul	-0.01
79) Chrysene-d12	21.660	240	154436	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	161133	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	18678	31.130	ng/uL#	94
5) Pyridine	3.761	79	135061	84.293	ng/ul#	85
6) Benzaldehyde	7.097	77	140369	113.181	ng/ul	96
8) Phenol	7.162	94	191056	87.767	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.379	93	130743	87.003	ng/ul	98
12) 2-Chlorophenol	7.532	128	146094	91.682	ng/ul#	87
13) 2-Methylphenol	8.419	108	149008	88.725	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.489	45	131882	83.692	ng/ul#	94
16) Acetophenone	8.795	105	235576	85.106	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.777	70	119934	86.290	ng/ul	99
18) 4-Methylphenol	8.754	108	156702	86.732	ng/ul#	77
19) Hexachloroethane	9.047	117	63596	91.194	ng/ul	94
22) Nitrobenzene	9.183	77	193897	87.252	ng/ul	97
23) Isophorone	9.711	82	327674	82.758	ng/ul	97
25) 2-Nitrophenol	9.899	139	86124	90.710	ng/ul	92
26) 2,4-Dimethylphenol	9.964	107	189266	89.698	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.187	93	177105	86.621	ng/ul	99
29) 2,4-Dichlorophenol	10.446	162	153953	96.300	ng/ul	98
30) Naphthalene	10.839	128	454445	85.948	ng/ul	97
32) 4-Chloroaniline	10.951	127	170756	74.788	ng/ul	90
33) Hexachlorobutadiene	11.115	225	113867	88.045	ng/ul	95
34) Caprolactam	11.750	113	47715m	85.205	ng/ul	
35) 4-Chloro-3-methylphenol	12.090	107	173294	90.699	ng/ul	97
36) 2-Methylnaphthalene	12.449	142	342958	87.257	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.672	142	326319	82.252 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.819	216	196530	94.077 ng/ul#	95
40) Hexachlorocyclopentadiene	12.795	237	55729	59.607 ng/ul	99
41) 2,4,6-Trichlorophenol	13.066	196	122156	91.759 ng/ul	92
42) 2,4,5-Trichlorophenol	13.148	196	124948	89.552 ng/ul	93
43) 1,1'-Biphenyl	13.459	154	438375	88.222 ng/ul	99
44) 2-Chloronaphthalene	13.506	162	348365	87.282 ng/ul	98
45) 2-Nitroaniline	13.712	65	122408	90.331 ng/ul	93
47) Dimethylphthalate	14.076	163	454824	84.431 ng/ul	99
48) 2,6-Dinitrotoluene	14.211	165	99841	89.771 ng/ul	93
50) Acenaphthylene	14.352	152	527156	90.373 ng/ul	97
51) 3-Nitroaniline	14.546	138	96649	90.057 ng/ul	99
52) Acenaphthene	14.693	153	376691	89.023 ng/ul	97
53) 2,4-Dinitrophenol	14.763	184	48844	85.987 ng/ul#	86
55) 4-Nitrophenol	14.875	109	80200	80.321 ng/ul	98
56) Dibenzofuran	15.034	168	505521	86.270 ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	144288	90.192 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	109432	94.648 ng/ul#	97
59) Diethylphthalate	15.445	149	472465	85.734 ng/ul	97
61) Fluorene	15.680	166	433436	87.673 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.668	204	232168	88.758 ng/ul	98
63) 4-Nitroaniline	15.715	138	105255	98.280 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.780	198	75398	80.299 ng/ul	95
67) N-Nitrosodiphenylamine	15.885	169	370335	87.358 ng/ul	97
68) 4-Bromophenyl-phenylether	16.567	248	160447	90.075 ng/ul	99
69) Hexachlorobenzene	16.690	284	180800	87.900 ng/ul	98
70) Atrazine	16.837	200	164229	87.201 ng/ul	98
71) Pentachlorophenol	17.043	266	62639	71.918 ng/ul	96
72) Phenanthrene	17.424	178	702722	87.541 ng/ul	98
74) Anthracene	17.518	178	715492	87.956 ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.430	216	208975	96.732 ng/uL	90
76) Pentachlorobenzene	14.951	250	198393	86.668 ng/uL	96
77) Carbazole	17.794	167	633223	87.480 ng/ul	99
78) Di-n-butylphthalate	18.335	149	768660	83.030 ng/ul	99
80) Fluoranthene	19.439	202	863501	83.848 ng/ul#	98
82) Pyrene	19.804	202	847857	83.083 ng/ul	99
83) Butylbenzylphthalate	20.679	149	339073	84.197 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.554	252	308444	84.254 ng/ul	97
85) Benzo(a)anthracene	21.642	228	798754	83.005 ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.531	149	487990	88.235 ng/ul	99
87) Chrysene	21.707	228	764978	84.096 ng/ul	95
89) Di-n-octyl phthalate	22.735	149	798350	83.519 ng/ul	100
90) Benzo(b)fluoranthene	23.869	252	845766	82.057 ng/ul#	97
91) Benzo(k)fluoranthene	23.933	252	804999	82.165 ng/ul	98
93) Benzo(a)pyrene	24.744	252	759782	84.880 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.609	276	977887	82.818 ng/ul#	95
95) Dibenzo(a,h)anthracene	28.668	278	801646	81.100 ng/ul	98
96) Benzo(g,h,i)perylene	29.778	276	804623	81.054 ng/ul	95

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

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