Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050179.D
Acq On : 8 Sep 2021 00:06
Operator : CG/JU
Sample : PB138844BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS844

Manual Integrations APPROVED
mohammad
9/9/2021 8:39:48 AM

Quant Time: Sep 08 01:50:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	37963	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.762	136	133072	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	88242	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	197633	20.000	ng/ul	0.00
79) Chrysene-d12	21.636	240	199527	20.000	ng/ul	0.00
88) Perylene-d12	24.843	264	204475	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	5914	7.702	ng/uL	0.00
4) Pyridine-d5	3.731	84	91895	33.713	ng/ul	0.00
7) Phenol-d5	7.120	99	93233	31.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	48202	28.001	ng/ul	0.00
11) 2-Chlorophenol-d4	7.478	132	67955	27.779	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	77971	33.644	ng/ul	0.00
21) Nitrobenzene-d5	9.117	128	39293	43.019	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	46477	41.846	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	74192	35.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.903	131	81561	31.230	ng/ul	-0.01
46) Dimethylphthalate-d6	14.011	166	217412	32.630	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	267013	33.655	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	27292	33.947	ng/ul	0.00
60) Fluorene-d10	15.603	176	184677	33.381	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	37439	31.404	ng/ul	0.00
73) Anthracene-d10	17.465	188	291767	32.886	ng/ul	0.00
81) Pyrene-d10	19.756	212	356831	35.904	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.632	264	360632	33.317	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	14428	16.500	ng/uL	94
5) Pyridine	3.754	79	97614	34.071	ng/ul#	88
6) Benzaldehyde	7.079	77	68377	41.848	ng/ul	98
8) Phenol	7.149	94	95126	32.772	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.367	93	66094	30.712	ng/ul	98
12) 2-Chlorophenol	7.514	128	70364	29.519	ng/ul#	81
13) 2-Methylphenol	8.407	108	85203	36.470	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.483	45	76521	35.232	ng/ul	97
16) Acetophenone	8.777	105	118771	34.833	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.759	70	58345	32.088	ng/ul	93
18) 4-Methylphenol	8.736	108	80730m	36.382	ng/ul	
19) Hexachloroethane	9.029	117	37201	37.414	ng/ul	99
22) Nitrobenzene	9.158	77	108220	45.495	ng/ul	95
23) Isophorone	9.681	82	247420	54.469	ng/ul#	97
25) 2-Nitrophenol	9.881	139	48855	44.589	ng/ul	87
26) 2,4-Dimethylphenol	9.940	107	96865	37.151	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.169	93	106476	38.643	ng/ul	98
29) 2,4-Dichlorophenol	10.427	162	70502	36.363	ng/ul	97
30) Naphthalene	10.815	128	227443	37.215	ng/ul	98
32) 4-Chloroaniline	10.933	127	84938	34.526	ng/ul	90
33) Hexachlorobutadiene	11.091	225	57117	37.165	ng/ul	94
34) Caprolactam	11.702	113	32448m	55.009	ng/ul	
35) 4-Chloro-3-methylphenol	12.072	107	91500	41.872	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	176640	39.084	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	163037	37.569	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.801	216	94991	31.827	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	20799	25.701	ng/ul	93
41) 2,4,6-Trichlorophenol	13.047	196	56478	33.516	ng/ul	96
42) 2,4,5-Trichlorophenol	13.130	196	54978	31.199	ng/ul	91
43) 1,1'-Biphenyl	13.441	154	217275	34.107	ng/ul	97
44) 2-Chloronaphthalene	13.488	162	170610	34.055	ng/ul	99
45) 2-Nitroaniline	13.699	65	55313	34.875	ng/ul	95
47) Dimethylphthalate	14.058	163	216908	34.107	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	47912	35.383	ng/ul	89
50) Acenaphthylene	14.334	152	250798	33.824	ng/ul	98
51) 3-Nitroaniline	14.522	138	44188	35.845	ng/ul#	97
52) Acenaphthene	14.675	153	181061	34.270	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	17873m	32.229	ng/ul	
55) 4-Nitrophenol	14.857	109	33306	37.226	ng/ul	96
56) Dibenzofuran	15.009	168	246866	33.962	ng/ul	98
57) 2,4-Dinitrotoluene	14.986	165	67836	35.058	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.244	232	49391	37.005	ng/ul	94
59) Diethylphthalate	15.421	149	225703	35.113	ng/ul	97
61) Fluorene	15.661	166	208304	34.181	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.650	204	113045	34.838	ng/ul	95
63) 4-Nitroaniline	15.691	138	48155m	41.942	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.761	198	35978	33.980	ng/ul	96
67) N-Nitrosodiphenylamine	15.867	169	178400	33.384	ng/ul	97
68) 4-Bromophenyl-phenylether	16.543	248	79109	33.778	ng/ul	98
69) Hexachlorobenzene	16.672	284	88831	33.454	ng/ul	96
70) Atrazine	16.813	200	79533	35.495	ng/ul	99
71) Pentachlorophenol	17.030	266	20153	27.707	ng/ul	93
72) Phenanthrene	17.406	178	346568	34.383	ng/ul	98
74) Anthracene	17.500	178	348380	34.085	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.412	216	102434	33.445	ng/uL	94
76) Pentachlorobenzene	14.933	250	99902	31.591	ng/uL	96
77) Carbazole	17.770	167	309164	34.311	ng/ul	99
78) Di-n-butylphthalate	18.317	149	384580	35.292	ng/ul	98
80) Fluoranthene	19.421	202	439369	35.569	ng/ul	97
82) Pyrene	19.785	202	433328	35.766	ng/ul	98
83) Butylbenzylphthalate	20.661	149	169047	36.483	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.530	252	155968	36.240	ng/ul	96
85) Benzo(a)anthracene	21.618	228	420918	34.458	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.506	149	241343	34.876	ng/ul	100
87) Chrysene	21.683	228	402990	35.391	ng/ul	96
89) Di-n-octyl phthalate	22.705	149	404099	34.147	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	441830m	34.528	ng/ul	
91) Benzo(k)fluoranthene	23.891	252	436980	35.774	ng/ul	99
93) Benzo(a)pyrene	24.696	252	388329	34.712	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.538	276	488638	33.334	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.579	278	408714	33.611	ng/ul#	97
96) Benzo(g,h,i)perylene	29.689	276	395550	33.679	ng/ul	95

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

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