Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050244.D
Acq On : 10 Sep 2021 00:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020518

Manual Integrations APPROVED
mohammad
9/10/2021 3:22:23 PM

Quant Time: Sep 10 04:51:31 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	35701	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.762	136	108143	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.604	164	76656	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.359	188	181886	20.000	ng/ul	0.00
79) Chrysene-d12	21.630	240	198257	20.000	ng/ul	0.00
88) Perylene-d12	24.843	264	204830	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	6204	8.591	ng/uL	0.00
4) Pyridine-d5	3.736	84	40367	15.748	ng/ul	0.00
7) Phenol-d5	7.114	99	50916	18.368	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.267	67	44906	27.739	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.478	132	52093	22.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	37897	17.388	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	13723	18.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	18101	20.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	30585	17.754	ng/ul	0.00
31) 4-Chloroaniline-d4	10.903	131	42821	20.176	ng/ul	-0.01
46) Dimethylphthalate-d6	14.005	166	106696	18.434	ng/ul	-0.01
49) Acenaphthylene-d8	14.298	160	126031	18.286	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.845	143	11658	16.692	ng/ul	0.00
60) Fluorene-d10	15.603	176	90189	18.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.744	200	17804	16.227	ng/ul	0.00
73) Anthracene-d10	17.459	188	149586	18.320	ng/ul	0.00
81) Pyrene-d10	19.750	212	181254	18.354	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.620	264	189687	17.494	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	6799m	8.268	ng/uL	
5) Pyridine	3.754	79	44648	16.571	ng/ul	85
6) Benzaldehyde	7.079	77	24764	16.116	ng/ul	93
8) Phenol	7.143	94	65987	24.174	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.361	93	54213	26.787	ng/ul	90
12) 2-Chlorophenol	7.513	128	49377	22.027	ng/ul#	89
13) 2-Methylphenol	8.401	108	53360	24.287	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.471	45	61159	29.943	ng/ul	94
16) Acetophenone	8.776	105	51167	15.957	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.753	70	26399	15.438	ng/ul#	87
18) 4-Methylphenol	8.735	108	34339	16.456	ng/ul	81
19) Hexachloroethane	9.029	117	13489	14.426	ng/ul	94
22) Nitrobenzene	9.164	77	39168	20.262	ng/ul	97
23) Isophorone	9.681	82	69888	18.932	ng/ul	99
25) 2-Nitrophenol	9.875	139	17037	19.134	ng/ul	89
26) 2,4-Dimethylphenol	9.940	107	36991	17.458	ng/ul#	88
27) Bis(2-Chloroethoxy)met...	10.163	93	37683	16.829	ng/ul	100
29) 2,4-Dichlorophenol	10.421	162	29271	18.577	ng/ul	100
30) Naphthalene	10.815	128	95688	19.266	ng/ul	96
32) 4-Chloroaniline	10.932	127	43004	21.510	ng/ul	94
33) Hexachlorobutadiene	11.091	225	23092	18.489	ng/ul	97
34) Caprolactam	11.702	113	10555m	22.019	ng/ul	
35) 4-Chloro-3-methylphenol	12.072	107	34675	19.526	ng/ul	97
36) 2-Methylnaphthalene	12.424	142	72061	19.620	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	71993	20.414	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.800	216	42168	16.264	ng/ul#	97
40) Hexachlorocyclopentadiene	12.771	237	8202	11.667	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.047	196	24260	16.573	ng/ul	96
42) 2,4,5-Trichlorophenol	13.135	196	23989	15.671	ng/ul	91
43) 1,1'-Biphenyl	13.435	154	94478	17.072	ng/ul	97
44) 2-Chloronaphthalene	13.482	162	75634	17.379	ng/ul	97
45) 2-Nitroaniline	13.693	65	23877	17.330	ng/ul	87
47) Dimethylphthalate	14.052	163	103792	18.787	ng/ul#	95
48) 2,6-Dinitrotoluene	14.187	165	21133	17.966	ng/ul	86
50) Acenaphthylene	14.328	152	117508	18.243	ng/ul	98
51) 3-Nitroaniline	14.528	138	15793	14.747	ng/ul#	99
52) Acenaphthene	14.674	153	83195	18.127	ng/ul	92
53) 2,4-Dinitrophenol	14.757	184	9259	19.219	ng/ul#	77
55) 4-Nitrophenol	14.862	109	12997m	16.722	ng/ul	
56) Dibenzofuran	15.009	168	115529	18.296	ng/ul	98
57) 2,4-Dinitrotoluene	14.986	165	31880	18.966	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.250	232	20166	17.393	ng/ul#	90
59) Diethylphthalate	15.420	149	106680	19.105	ng/ul	99
61) Fluorene	15.655	166	97485	18.414	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.644	204	51356	18.219	ng/ul	99
63) 4-Nitroaniline	15.691	138	15040	15.080	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.761	198	16048	16.469	ng/ul#	93
67) N-Nitrosodiphenylamine	15.861	169	83610	17.000	ng/ul	97
68) 4-Bromophenyl-phenylether	16.542	248	37395	17.349	ng/ul	93
69) Hexachlorobenzene	16.666	284	43786	17.917	ng/ul	98
70) Atrazine	16.813	200	38602	18.719	ng/ul	98
71) Pentachlorophenol	17.030	266	12283m	18.349	ng/ul	
72) Phenanthrene	17.400	178	169150	18.234	ng/ul	98
74) Anthracene	17.494	178	171504	18.233	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.406	216	43338	15.375	ng/uL	93
76) Pentachlorobenzene	14.933	250	47744	16.405	ng/uL	98
77) Carbazole	17.770	167	153069	18.458	ng/ul	98
78) Di-n-butylphthalate	18.311	149	189924	18.938	ng/ul	98
80) Fluoranthene	19.421	202	224474	18.289	ng/ul#	96
82) Pyrene	19.779	202	225076	18.697	ng/ul	98
83) Butylbenzylphthalate	20.655	149	87436	18.991	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.524	252	71465	16.712	ng/ul#	95
85) Benzo(a)anthracene	21.612	228	217828	17.947	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.500	149	117618	17.106	ng/ul	99
87) Chrysene	21.677	228	207711	18.358	ng/ul	96
89) Di-n-octyl phthalate	22.699	149	201898	17.031	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	221836	17.306	ng/ul	98
91) Benzo(k)fluoranthene	23.885	252	222223	18.161	ng/ul	98
93) Benzo(a)pyrene	24.690	252	197810	17.651	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.532	276	250037	17.027	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.567	278	210060	17.244	ng/ul	99
96) Benzo(g,h,i)perylene	29.672	276	208004	17.680	ng/ul	93

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

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