Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050174.D
Acq On : 7 Sep 2021 19:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020513

Manual Integrations APPROVED
mohammad
9/9/2021 8:39:37 AM

Quant Time: Sep 08 11:17:02 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	7.951	152	31194	20.000	ng/ul	0.00
20) Naphthalene-d8	10.765	136	118871	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.613	164	81884	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	178111	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	184091	20.000	ng/ul	0.00
88) Perylene-d12	24.846	264	187255	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7752	12.286	ng/uL	0.00
4) Pyridine-d5	3.739	84	45367	20.255	ng/ul	0.00
7) Phenol-d5	7.123	99	54152	22.358	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	38465	27.193	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	49514	24.633	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	42636	22.389	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	22657	27.769	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	24730	24.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.395	165	42882	22.646	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.906	131	48800	20.918	ng/ul	-0.01
46) Dimethylphthalate-d6	14.008	166	114732	18.556	ng/ul	-0.01
49) Acenaphthylene-d8	14.301	160	162828	22.117	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.848	143	13316	17.849	ng/ul	0.00
60) Fluorene-d10	15.606	176	102564	19.978	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	18056	16.806	ng/ul	0.00
73) Anthracene-d10	17.462	188	154286	19.296	ng/ul	0.00
81) Pyrene-d10	19.753	212	222770	24.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.623	264	187998	18.965	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	9340	12.999	ng/uL	92
5) Pyridine	3.757	79	48111	20.436	ng/ul	90
6) Benzaldehyde	7.082	77	28875	21.507	ng/ul	94
8) Phenol	7.146	94	54552	22.872	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.364	93	47245	26.717	ng/ul	93
12) 2-Chlorophenol	7.516	128	41548	21.212	ng/ul#	84
13) 2-Methylphenol	8.403	108	46817	24.388	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.474	45	48727	27.303	ng/ul	95
16) Acetophenone	8.779	105	69025	24.636	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.762	70	34062	22.798	ng/ul#	91
18) 4-Methylphenol	8.738	108	40818	22.387	ng/ul	83
19) Hexachloroethane	9.032	117	17572	21.508	ng/ul	92
22) Nitrobenzene	9.161	77	55194	25.975	ng/ul	98
23) Isophorone	9.684	82	127867	31.513	ng/ul#	96
25) 2-Nitrophenol	9.878	139	22913	23.410	ng/ul#	85
26) 2,4-Dimethylphenol	9.943	107	50519	21.690	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.172	93	57583	23.395	ng/ul	98
29) 2,4-Dichlorophenol	10.430	162	39705	22.925	ng/ul	94
30) Naphthalene	10.818	128	111623	20.446	ng/ul	96
32) 4-Chloroaniline	10.930	127	47040	21.406	ng/ul#	83
33) Hexachlorobutadiene	11.100	225	28585	20.822	ng/ul	94
34) Caprolactam	11.699	113	10547m	20.016	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	36864	18.885	ng/ul	97
36) 2-Methylnaphthalene	12.433	142	84573	20.948	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	86464	22.304	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.803	216	47692	17.220	ng/ul#	92
40) Hexachlorocyclopentadiene	12.774	237	11212	14.930	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.050	196	37013	23.670	ng/ul	92
42) 2,4,5-Trichlorophenol	13.132	196	31091	19.013	ng/ul	100
43) 1,1'-Biphenyl	13.438	154	111362	18.839	ng/ul	99
44) 2-Chloronaphthalene	13.485	162	89567	19.267	ng/ul	100
45) 2-Nitroaniline	13.696	65	28014	19.035	ng/ul	98
47) Dimethylphthalate	14.055	163	111489	18.892	ng/ul#	97
48) 2,6-Dinitrotoluene	14.190	165	25373	20.193	ng/ul	88
50) Acenaphthylene	14.331	152	137488	19.982	ng/ul	97
51) 3-Nitroaniline	14.525	138	21542	18.831	ng/ul#	98
52) Acenaphthene	14.671	153	95343	19.447	ng/ul	97
53) 2,4-Dinitrophenol	14.754	184	8306	16.140	ng/ul#	76
55) 4-Nitrophenol	14.859	109	14743m	17.758	ng/ul	
56) Dibenzofuran	15.012	168	132032	19.574	ng/ul	94
57) 2,4-Dinitrotoluene	14.989	165	35830	19.955	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.247	232	23349	18.852	ng/ul#	89
59) Diethylphthalate	15.418	149	119265	19.995	ng/ul	95
61) Fluorene	15.658	166	108990	19.273	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.647	204	57180	18.990	ng/ul	94
63) 4-Nitroaniline	15.688	138	14780	13.873	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.758	198	15718	16.472	ng/ul#	91
67) N-Nitrosodiphenylamine	15.864	169	94079	19.534	ng/ul	96
68) 4-Bromophenyl-phenylether	16.545	248	44852	21.250	ng/ul	99
69) Hexachlorobenzene	16.675	284	46369	19.377	ng/ul	92
70) Atrazine	16.810	200	39485	19.553	ng/ul	95
71) Pentachlorophenol	17.027	266	11385m	17.368	ng/ul	
72) Phenanthrene	17.409	178	182085	20.044	ng/ul	96
74) Anthracene	17.497	178	180321	19.576	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.409	216	52940	19.179	ng/uL	93
76) Pentachlorobenzene	14.930	250	53267	18.690	ng/uL	98
77) Carbazole	17.773	167	220729	27.181	ng/ul	99
78) Di-n-butylphthalate	18.314	149	189634	19.310	ng/ul	98
80) Fluoranthene	19.418	202	221445	19.430	ng/ul#	96
82) Pyrene	19.782	202	255475	22.855	ng/ul#	96
83) Butylbenzylphthalate	20.657	149	85745	20.057	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	80589	20.295	ng/ul	94
85) Benzo(a)anthracene	21.615	228	228216	20.249	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.503	149	126193	19.765	ng/ul	99
87) Chrysene	21.680	228	202073	19.234	ng/ul	97
89) Di-n-octyl phthalate	22.702	149	204907	18.907	ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	238038	20.313	ng/ul#	98
91) Benzo(k)fluoranthene	23.894	252	228080	20.389	ng/ul	98
93) Benzo(a)pyrene	24.699	252	193670	18.904	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.529	276	249036	18.551	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.582	278	211364	18.980	ng/ul#	96
96) Benzo(g,h,i)perylene	29.675	276	205090m	19.068	ng/ul	

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

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