Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061330.D
Acq On : 29 May 2024 15:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 29 16:48:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020501

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	29601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	126425	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.515	164	97423	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	228008	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	234448	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	265677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	4235	8.007	ng/uL	0.00
4) Pyridine-d5	3.745	84	32202	17.113	ng/ul	0.00
7) Phenol-d5	7.065	99	44148	18.162	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	27797	18.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	34454	19.151	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	38070	18.367	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	18471	18.976	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	21374	18.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	43929	19.780	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	52362	18.022	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	132913	17.591	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	155635	19.812	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	15587	16.686	ng/ul	0.00
60) Fluorene-d10	15.514	176	124515	19.087	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	20727	15.030	ng/ul	0.00
73) Anthracene-d10	17.365	188	194046	19.304	ng/ul	0.00
81) Pyrene-d10	19.656	212	228209	18.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	242879	19.016	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	4510	7.104	ng/uL#	82
5) Pyridine	3.769	79	32866	17.659	ng/ul	84
6) Benzaldehyde	7.024	77	26052	20.496	ng/ul	93
8) Phenol	7.089	94	46126	18.623	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.306	93	34354	18.963	ng/ul	90
12) 2-Chlorophenol	7.453	128	36665	19.285	ng/ul	96
13) 2-Methylphenol	8.334	108	35368	18.426	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	84685	17.308	ng/ul	98
16) Acetophenone	8.704	105	62698	17.724	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.687	70	31508	16.199	ng/ul	94
18) 4-Methylphenol	8.663	108	38857	18.271	ng/ul	95
19) Hexachloroethane	8.963	117	16712	19.756	ng/ul	91
22) Nitrobenzene	9.080	77	49327	18.476	ng/ul	98
23) Isophorone	9.603	82	89542	16.488	ng/ul	98
25) 2-Nitrophenol	9.791	139	23464	18.976	ng/ul	96
26) 2,4-Dimethylphenol	9.862	107	45762	18.678	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.085	93	49123	18.045	ng/ul#	97
29) 2,4-Dichlorophenol	10.338	162	40965	20.026	ng/ul	93
30) Naphthalene	10.731	128	130113	19.499	ng/ul	99
32) 4-Chloroaniline	10.837	127	52102	18.045	ng/ul	99
33) Hexachlorobutadiene	11.013	225	40270	20.141	ng/ul	96
34) Caprolactam	11.589	113	12805m	16.362	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	46000	17.396	ng/ul	93
36) 2-Methylnaphthalene	12.341	142	89724	18.541	ng/ul	94

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37) 1-Methylnaphthalene	12.559	142	88726	17.866	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.711	216	70293	21.854	ng/ul	97
40) Hexachlorocyclopentadiene	12.688	237	23941	16.490	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.958	196	37688	20.802	ng/ul	97
42) 2,4,5-Trichlorophenol	13.034	196	40042	20.987	ng/ul	96
43) 1,1'-Biphenyl	13.352	154	124817	19.813	ng/ul	95
44) 2-Chloronaphthalene	13.393	162	103707	20.919	ng/ul	98
45) 2-Nitroaniline	13.599	65	37517	18.336	ng/ul	98
47) Dimethylphthalate	13.975	163	138433	17.578	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	28624	18.534	ng/ul#	90
50) Acenaphthylene	14.239	152	168552	19.350	ng/ul	99
51) 3-Nitroaniline	14.427	138	25979	19.383	ng/ul	96
52) Acenaphthene	14.580	153	111857	19.575	ng/ul	96
53) 2,4-Dinitrophenol	14.650	184	12260m	14.970	ng/ul	
55) 4-Nitrophenol	14.762	109	18077	16.459	ng/ul	92
56) Dibenzofuran	14.921	168	155505	19.033	ng/ul	97
57) 2,4-Dinitrotoluene	14.891	165	41934	17.847	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	34278	19.699	ng/ul	95
59) Diethylphthalate	15.338	149	136368	17.535	ng/ul	98
61) Fluorene	15.567	166	133102	18.829	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.561	204	78185	18.859	ng/ul	99
63) 4-Nitroaniline	15.590	138	26716	19.138	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.667	198	21872	15.134	ng/ul	90
67) N-Nitrosodiphenylamine	15.778	169	115501	20.155	ng/ul	97
68) 4-Bromophenyl-phenylether	16.454	248	54746	20.264	ng/ul	93
69) Hexachlorobenzene	16.577	284	58852	19.598	ng/ul	97
70) Atrazine	16.724	200	42774	18.860	ng/ul	95
71) Pentachlorophenol	16.930	266	22364	21.398	ng/ul	94
72) Phenanthrene	17.312	178	212065	19.163	ng/ul	97
74) Anthracene	17.400	178	222789	19.471	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	70819	23.497	ng/uL	95
76) Pentachlorobenzene	14.844	250	70563	21.176	ng/uL	95
77) Carbazole	17.670	167	181108	19.460	ng/ul	98
78) Di-n-butylphthalate	18.228	149	223076	19.129	ng/ul	98
80) Fluoranthene	19.327	202	274951	19.040	ng/ul	99
82) Pyrene	19.686	202	280788	18.732	ng/ul	99
83) Butylbenzylphthalate	20.579	149	100156	19.450	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.419	252	103438	20.785	ng/ul	98
85) Benzo(a)anthracene	21.501	228	311771	19.272	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	144944	19.016	ng/ul	99
87) Chrysene	21.566	228	284108	19.073	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	251293	18.906	ng/ul	100
90) Benzo(b)fluoranthene	23.628	252	294460	18.615	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	305897	19.049	ng/ul	98
93) Benzo(a)pyrene	24.462	252	290719	19.355	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.105	276	345853	19.040	ng/ul	98
95) Dibenzo(a,h)anthracene	28.164	278	283810	18.949	ng/ul	98
96) Benzo(g,h,i)perylene	29.192	276	259119	17.932	ng/ul	98

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

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