Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062139.D
Acq On : 19 Jul 2024 14:02
Operator : MA/JU
Sample : SSTD01023
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 19 14:37:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 13:21:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010405

Manual Integrations APPROVED
Reviewed By :Yogesh Patel

07/20/2024
Supervised By :mohammad ahmed

07/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	29284	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.878	136	117813	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.697	164	104730	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	300396	20.000	ng/ul	0.00
79) Chrysene-d12	21.699	240	319606	20.000	ng/ul	0.00
88) Perylene-d12	24.930	264	325318	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.447	96	2823	4.618	ng/uL	-0.01
4) Pyridine-d5	3.870	84	22542	10.093	ng/ul	0.00
7) Phenol-d5	7.236	99	26963	9.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.383	67	16503	10.054	ng/ul	0.00
11) 2-Chlorophenol-d4	7.595	132	17298	9.613	ng/ul	-0.01
15) 4-Methylphenol-d8	8.775	113	19506	8.810	ng/ul	-0.01
21) Nitrobenzene-d5	9.234	128	9283	10.030	ng/ul	0.00
24) 2-Nitrophenol-d4	9.950	143	11381	10.087	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.508	165	23379	9.893	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	27965	9.821	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	87434	9.875	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	90105	10.029	ng/ul	0.00
54) 4-Nitrophenol-d4	14.914	143	10155	9.755	ng/ul	0.00
60) Fluorene-d10	15.684	176	74200	9.799	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.807	200	16114	8.542	ng/ul	0.00
73) Anthracene-d10	17.534	188	137868	9.779	ng/ul	0.00
81) Pyrene-d10	19.819	212	186235	10.382	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.707	264	161875	9.981	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	3205	3.912	ng/uL#	75
5) Pyridine	3.894	79	23018	9.972	ng/ul	88
6) Benzaldehyde	7.195	77	14621	9.501	ng/ul	95
8) Phenol	7.260	94	25371	8.892	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.471	93	20276	10.390	ng/ul#	86
12) 2-Chlorophenol	7.624	128	18161	9.853	ng/ul	94
13) 2-Methylphenol	8.517	108	18743	8.654	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	31982	9.090	ng/ul#	92
16) Acetophenone	8.887	105	34447	8.906	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.863	70	21039	9.518	ng/ul#	83
18) 4-Methylphenol	8.846	108	21960	9.225	ng/ul	94
19) Hexachloroethane	9.145	117	8378	10.323	ng/ul	83
22) Nitrobenzene	9.275	77	30155	9.981	ng/ul	95
23) Isophorone	9.792	82	60275	9.757	ng/ul	95
25) 2-Nitrophenol	9.985	139	10520	8.780	ng/ul#	75
26) 2,4-Dimethylphenol	10.050	107	28027	9.743	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.273	93	29856	10.502	ng/ul	99
29) 2,4-Dichlorophenol	10.526	162	22072	9.846	ng/ul	98
30) Naphthalene	10.925	128	63480	10.018	ng/ul	97
32) 4-Chloroaniline	11.043	127	26708	9.999	ng/ul#	82
33) Hexachlorobutadiene	11.196	225	20214	9.148	ng/ul	89
34) Caprolactam	11.807	113	8356	10.923	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.165	107	27390	10.200	ng/ul	99
36) 2-Methylnaphthalene	12.529	142	49813	10.410	ng/ul	93

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37) 1-Methylnaphthalene	12.752	142	50539	10.351	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.887	216	41191	9.786	ng/ul#	98
40) Hexachlorocyclopentadiene	12.858	237	13237	6.493	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.134	196	23885	10.255	ng/ul	84
42) 2,4,5-Trichlorophenol	13.216	196	25915	10.272	ng/ul	87
43) 1,1'-Biphenyl	13.528	154	73040	9.943	ng/ul	93
44) 2-Chloronaphthalene	13.575	162	61226	10.126	ng/ul	98
45) 2-Nitroaniline	13.780	65	21779	9.669	ng/ul#	80
47) Dimethylphthalate	14.139	163	82716	9.761	ng/ul#	91
48) 2,6-Dinitrotoluene	14.274	165	17188	10.021	ng/ul#	87
50) Acenaphthylene	14.421	152	99127	10.143	ng/ul	96
51) 3-Nitroaniline	14.609	138	13541	9.613	ng/ul#	83
52) Acenaphthene	14.755	153	65719	10.128	ng/ul	94
53) 2,4-Dinitrophenol	14.814	184	10837m	13.965	ng/ul	
55) 4-Nitrophenol	14.938	109	13674	8.362	ng/ul	98
56) Dibenzofuran	15.096	168	100068	10.283	ng/ul	94
57) 2,4-Dinitrotoluene	15.055	165	26871	10.289	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.319	232	21347	9.409	ng/ul#	89
59) Diethylphthalate	15.496	149	83688	9.940	ng/ul	97
61) Fluorene	15.737	166	83909	10.011	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.725	204	52447	10.140	ng/ul	95
63) 4-Nitroaniline	15.766	138	15276	10.305	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.825	198	14246	7.883	ng/ul#	89
67) N-Nitrosodiphenylamine	15.942	169	71629	9.736	ng/ul	98
68) 4-Bromophenyl-phenylether	16.618	248	34544	9.827	ng/ul	87
69) Hexachlorobenzene	16.741	284	37176	10.072	ng/ul	94
70) Atrazine	16.888	200	37580	10.084	ng/ul	97
71) Pentachlorophenol	17.093	266	16983m	15.144	ng/ul	
72) Phenanthrene	17.481	178	144569	9.955	ng/ul	97
74) Anthracene	17.569	178	147797	9.843	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.498	216	41346	9.528	ng/ul#	84
76) Pentachlorobenzene	15.008	250	40671	9.470	ng/ul	92
77) Carbazole	17.845	167	129692	10.195	ng/ul#	98
78) Di-n-butylphthalate	18.380	149	148727	10.180	ng/ul	97
80) Fluoranthene	19.484	202	210893	10.129	ng/ul	99
82) Pyrene	19.849	202	218001	10.133	ng/ul	99
83) Butylbenzylphthalate	20.718	149	63201	9.834	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.593	252	72170	10.398	ng/ul	98
85) Benzo(a)anthracene	21.681	228	230469	10.347	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.564	149	92779	10.158	ng/ul#	97
87) Chrysene	21.746	228	210022	10.210	ng/ul	96
89) Di-n-octyl phthalate	22.774	149	153876	10.384	ng/ul	100
90) Benzo(b)fluoranthene	23.902	252	209779	10.544	ng/ul	99
91) Benzo(k)fluoranthene	23.967	252	195608	9.718	ng/ul#	99
93) Benzo(a)pyrene	24.777	252	190704	10.235	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.607	276	216702	10.087	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.666	278	178118	9.942	ng/ul#	94
96) Benzo(g,h,i)perylene	29.776	276	176134m	10.286	ng/ul	

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

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