Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061390.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 31 13:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020506

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
05/31/2024
Supervised By :mohammad ahmed
06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	42245	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	173232	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.512	164	133504	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188	309015	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.515	240	322778	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	359690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	5943	7.873	ng/uL	0.00
4) Pyridine-d5	3.748	84	49109	18.286	ng/ul	0.00
7) Phenol-d5	7.061	99	64868	18.698	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	39172	17.964	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	50946	19.843	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	55412	18.732	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	25473	19.099	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	30593	19.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	63042	20.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	72517	18.215	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166	185819	17.946	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	208370	19.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	22720	17.748	ng/ul	0.00
60) Fluorene-d10	15.510	176	165500	18.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	25618	13.707	ng/ul	0.00
73) Anthracene-d10	17.361	188	267100	19.606	ng/ul	0.00
81) Pyrene-d10	19.653	212	316256	19.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	344569	19.926	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	6916	7.633	ng/uL	100
5) Pyridine	3.765	79	48963	18.433	ng/ul	98
6) Benzaldehyde	7.020	77	37451	20.646	ng/ul	94
8) Phenol	7.091	94	64767	18.323	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.296	93	47870	18.515	ng/ul	96
12) 2-Chlorophenol	7.449	128	53737	19.805	ng/ul	93
13) 2-Methylphenol	8.331	108	50813	18.549	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.401	45	121338	17.377	ng/ul	98
16) Acetophenone	8.695	105	86453	17.124	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.677	70	46416	16.721	ng/ul	91
18) 4-Methylphenol	8.660	108	54974	18.113	ng/ul	95
19) Hexachloroethane	8.947	117	22949	19.009	ng/ul	98
22) Nitrobenzene	9.077	77	69731	19.062	ng/ul	97
23) Isophorone	9.600	82	131327	17.648	ng/ul	98
25) 2-Nitrophenol	9.788	139	32525	19.197	ng/ul	98
26) 2,4-Dimethylphenol	9.852	107	62757	18.693	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.076	93	69859	18.728	ng/ul	100
29) 2,4-Dichlorophenol	10.334	162	57879	20.650	ng/ul	94
30) Naphthalene	10.722	128	175806	19.227	ng/ul	99
32) 4-Chloroaniline	10.834	127	72553	18.338	ng/ul	98
33) Hexachlorobutadiene	11.004	225	55985	20.435	ng/ul	93
34) Caprolactam	11.603	113	20403m	19.027	ng/ul	
35) 4-Chloro-3-methylphenol	11.973	107	65965	18.206	ng/ul	90
36) 2-Methylnaphthalene	12.332	142	124060	18.710	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.549	142	121945	17.920	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.702	216	93331	21.174	ng/ul	98
40) Hexachlorocyclopentadiene	12.678	237	14154	7.114	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.949	196	56493	22.754	ng/ul	91
42) 2,4,5-Trichlorophenol	13.037	196	59899	22.910	ng/ul	95
43) 1,1'-Biphenyl	13.342	154	176552	20.452	ng/ul	98
44) 2-Chloronaphthalene	13.383	162	142199	20.931	ng/ul	99
45) 2-Nitroaniline	13.589	65	51688	18.434	ng/ul	95
47) Dimethylphthalate	13.965	163	194222	17.997	ng/ul	100
48) 2,6-Dinitrotoluene	14.094	165	39198	18.522	ng/ul	98
50) Acenaphthylene	14.235	152	235981	19.769	ng/ul	99
51) 3-Nitroaniline	14.418	138	37826	20.595	ng/ul	96
52) Acenaphthene	14.576	153	156993	20.049	ng/ul	99
53) 2,4-Dinitrophenol	14.647	184	17845m	15.901	ng/ul	
55) 4-Nitrophenol	14.764	109	25929	17.228	ng/ul	97
56) Dibenzofuran	14.911	168	213786	19.095	ng/ul	98
57) 2,4-Dinitrotoluene	14.888	165	58289	18.103	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.152	232	48896	20.505	ng/ul	94
59) Diethylphthalate	15.334	149	185297	17.387	ng/ul	98
61) Fluorene	15.563	166	181266	18.712	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.552	204	107161	18.862	ng/ul	97
63) 4-Nitroaniline	15.587	138	40774	21.315	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.657	198	26917	13.742	ng/ul#	93
67) N-Nitrosodiphenylamine	15.769	169	158305	20.382	ng/ul	99
68) 4-Bromophenyl-phenylether	16.450	248	73732	20.137	ng/ul	97
69) Hexachlorobenzene	16.574	284	81232	19.960	ng/ul	96
70) Atrazine	16.727	200	59734	19.434	ng/ul	98
71) Pentachlorophenol	16.926	266	36059	25.457	ng/ul	88
72) Phenanthrene	17.302	178	292162	19.480	ng/ul	100
74) Anthracene	17.396	178	298429	19.244	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.313	216	98197	24.040	ng/uL	99
76) Pentachlorobenzene	14.835	250	96997	21.478	ng/uL	94
77) Carbazole	17.667	167	246580	19.549	ng/ul	99
78) Di-n-butylphthalate	18.225	149	301807	19.096	ng/ul	99
80) Fluoranthene	19.324	202	385287	19.379	ng/ul	99
82) Pyrene	19.682	202	390003	18.898	ng/ul	98
83) Butylbenzylphthalate	20.575	149	140070	19.757	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.415	252	121078	17.672	ng/ul	98
85) Benzo(a)anthracene	21.497	228	431693	19.383	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.409	149	199368	18.998	ng/ul	98
87) Chrysene	21.562	228	396204	19.320	ng/ul	99
89) Di-n-octyl phthalate	22.573	149	347844	19.330	ng/ul	100
90) Benzo(b)fluoranthene	23.630	252	418203	19.528	ng/ul	100
91) Benzo(k)fluoranthene	23.689	252	422416	19.430	ng/ul	97
93) Benzo(a)pyrene	24.465	252	395011	19.424	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.113	276	410660	16.699	ng/ul	98
95) Dibenzo(a,h)anthracene	28.160	278	352669	17.392	ng/ul#	96
96) Benzo(g,h,i)perylene	29.206	276	313606m	16.030	ng/ul	

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

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