Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061639.D
Acq On : 22 Jun 2024 4:30
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 22 05:05:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020529

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	55361	20.000	ng/ul	0.00
20) Naphthalene-d8	10.886	136	273901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	205262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	487076	20.000	ng/ul	0.00
79) Chrysene-d12	21.709	240	426138	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	505847	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	11978	7.816	ng/uL	0.00
4) Pyridine-d5	3.889	84	88845	19.175	ng/ul	0.00
7) Phenol-d5	7.214	99	122044	20.307	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.396	67	70595	18.843	ng/ul	0.00
11) 2-Chlorophenol-d4	7.596	132	85518	20.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.765	113	91890	19.778	ng/ul	0.00
21) Nitrobenzene-d5	9.235	128	41144	22.123	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	45161	23.976	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	91849	20.593	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	134672	19.944	ng/ul	0.00
46) Dimethylphthalate-d6	14.106	166	296738	18.786	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	355140	20.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.870	143	56776	20.929	ng/ul	0.00
60) Fluorene-d10	15.692	176	279198	20.190	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	43475	20.874	ng/ul	0.00
73) Anthracene-d10	17.543	188	444700	20.002	ng/ul	0.00
81) Pyrene-d10	19.823	212	485219	20.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.705	264	494607	20.472	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.507	88	13792	7.242	ng/uL#	69
5) Pyridine	3.906	79	91459	18.362	ng/ul	96
6) Benzaldehyde	7.208	77	70927	23.983	ng/ul	92
8) Phenol	7.243	94	123686	19.557	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.490	93	88652	18.624	ng/ul#	96
12) 2-Chlorophenol	7.631	128	85888	20.758	ng/ul	94
13) 2-Methylphenol	8.501	108	87653	19.809	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.601	45	190052	19.542	ng/ul	96
16) Acetophenone	8.900	105	143379	18.741	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.883	70	74874	18.219	ng/ul#	92
18) 4-Methylphenol	8.830	108	96824	19.532	ng/ul	93
19) Hexachloroethane	9.165	117	34377	20.721	ng/ul	92
22) Nitrobenzene	9.282	77	115178	21.498	ng/ul#	97
23) Isophorone	9.805	82	226138	18.353	ng/ul	99
25) 2-Nitrophenol	9.993	139	45488	23.095	ng/ul#	82
26) 2,4-Dimethylphenol	10.040	107	109876	19.946	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.287	93	134491	19.295	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	83282	20.380	ng/ul	95
30) Naphthalene	10.939	128	301094	19.646	ng/ul	96
32) 4-Chloroaniline	11.039	127	130602	19.501	ng/ul	93
33) Hexachlorobutadiene	11.215	225	60884	21.569	ng/ul	98
34) Caprolactam	11.791	113	32947	19.498	ng/ul	93
35) 4-Chloro-3-methylphenol	12.144	107	117164	20.503	ng/ul	94
36) 2-Methylnaphthalene	12.537	142	213601	19.752	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.755	142	217388	18.840	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.896	216	114675	19.740	ng/ul	97
40) Hexachlorocyclopentadiene	12.878	237	51029	14.764	ng/ul	98
41) 2,4,6-Trichlorophenol	13.131	196	79481	21.206	ng/ul	86
42) 2,4,5-Trichlorophenol	13.201	196	87848	21.504	ng/ul	94
43) 1,1'-Biphenyl	13.542	154	293771	19.758	ng/ul	99
44) 2-Chloronaphthalene	13.583	162	233211	20.419	ng/ul	98
45) 2-Nitroaniline	13.777	65	93551	23.927	ng/ul	95
47) Dimethylphthalate	14.153	163	288808	18.413	ng/ul#	98
48) 2,6-Dinitrotoluene	14.271	165	58407	22.440	ng/ul#	94
50) Acenaphthylene	14.429	152	384773	19.912	ng/ul	97
51) 3-Nitroaniline	14.594	138	61793	23.183	ng/ul#	96
52) Acenaphthene	14.764	153	263813	19.714	ng/ul	94
53) 2,4-Dinitrophenol	14.799	184	25716	19.442	ng/ul	87
55) 4-Nitrophenol	14.887	109	58537	20.895	ng/ul	90
56) Dibenzofuran	15.099	168	372773	19.906	ng/ul	98
57) 2,4-Dinitrotoluene	15.052	165	91301	23.631	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	81771	20.414	ng/ul	99
59) Diethylphthalate	15.516	149	305634	18.919	ng/ul	96
61) Fluorene	15.745	166	308279	19.892	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.739	204	152466	19.817	ng/ul	93
63) 4-Nitroaniline	15.751	138	62079	21.984	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.810	198	48231	20.444	ng/ul	94
67) N-Nitrosodiphenylamine	15.951	169	258200	20.499	ng/ul	97
68) 4-Bromophenyl-phenylether	16.632	248	102189	20.376	ng/ul	90
69) Hexachlorobenzene	16.738	284	123354	20.268	ng/ul	97
70) Atrazine	16.897	200	97245	19.329	ng/ul	99
71) Pentachlorophenol	17.079	266	76165m	20.544	ng/ul	
72) Phenanthrene	17.484	178	504936	19.705	ng/ul	98
74) Anthracene	17.578	178	515130	19.658	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	119182	21.962	ng/uL	94
76) Pentachlorobenzene	15.011	250	136336	20.921	ng/uL	92
77) Carbazole	17.843	167	445186	20.009	ng/ul	99
78) Di-n-butylphthalate	18.407	149	532935	20.027	ng/ul	98
80) Fluoranthene	19.488	202	564431	20.437	ng/ul	98
82) Pyrene	19.852	202	601198	20.472	ng/ul	96
83) Butylbenzylphthalate	20.739	149	236351	22.105	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.603	252	212749	23.611	ng/ul	99
85) Benzo(a)anthracene	21.685	228	597512	19.975	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.609	149	340284	21.651	ng/ul	98
87) Chrysene	21.750	228	553614	19.559	ng/ul	100
89) Di-n-octyl phthalate	22.837	149	583190	21.859	ng/ul	100
90) Benzo(b)fluoranthene	23.906	252	600032	19.733	ng/ul	95
91) Benzo(k)fluoranthene	23.971	252	615970	19.697	ng/ul	99
93) Benzo(a)pyrene	24.776	252	580507	19.830	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.595	276	740613	20.302	ng/ul	95
95) Dibenzo(a,h)anthracene	28.677	278	601754	19.838	ng/ul	99
96) Benzo(g,h,i)perylene	29.747	276	596749	20.293	ng/ul	99

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

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