Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062024\
Data File : BG061608.D
Acq On : 20 Jun 2024 16:27
Operator : MA/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080443

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 17:05:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 16:29:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	46401	20.000	ng/ul	0.00
20) Naphthalene-d8	10.890	136	233267	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.703	164	180476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	421818	20.000	ng/ul	0.00
79) Chrysene-d12	21.713	240	383085	20.000	ng/ul	0.00
88) Perylene-d12	24.938	264	458406	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	36480	26.418	ng/uL	0.00
4) Pyridine-d5	3.886	84	305621	69.417	ng/ul	0.00
7) Phenol-d5	7.218	99	410512	87.265	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	243450	69.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	280178	116.758	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	318406	90.156	ng/ul	0.01
21) Nitrobenzene-d5	9.239	128	139975	123.854	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	157219	152.188	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.496	165	319639	103.817	ng/ul	0.00
31) 4-Chloroaniline-d4	11.019	131	476039	88.672	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1071823	93.882	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1196609	82.148	ng/ul	0.00
54) 4-Nitrophenol-d4	14.879	143	195017	114.295	ng/ul	0.01
60) Fluorene-d10	15.696	176	920254	78.220	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	164729	128.844	ng/ul	0.00
73) Anthracene-d10	17.547	188	1463561	78.672	ng/ul	0.00
81) Pyrene-d10	19.827	212	1616919	77.237	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.727	264	1773430	81.732	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	41922	25.218	ng/uL#	91
5) Pyridine	3.904	79	318751	70.715	ng/ul	98
6) Benzaldehyde	7.212	77	178391	60.749	ng/ul	94
8) Phenol	7.241	94	432268	87.156	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.494	93	308933	79.144	ng/ul#	97
12) 2-Chlorophenol	7.635	128	280714	107.336	ng/ul	94
13) 2-Methylphenol	8.505	108	299941	86.465	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.599	45	634658	75.128	ng/ul	97
16) Acetophenone	8.904	105	502741	75.545	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.892	70	271754	68.011	ng/ul#	97
18) 4-Methylphenol	8.839	108	334092	87.959	ng/ul	97
19) Hexachloroethane	9.163	117	109050	93.671	ng/ul	91
22) Nitrobenzene	9.280	77	395451	86.619	ng/ul	99
23) Isophorone	9.815	82	849490	68.294	ng/ul	99
25) 2-Nitrophenol	9.997	139	164838	141.804	ng/ul#	80
26) 2,4-Dimethylphenol	10.044	107	378560	84.017	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.297	93	461475	72.708	ng/ul	98
29) 2,4-Dichlorophenol	10.526	162	288706	99.346	ng/ul	96
30) Naphthalene	10.937	128	1000816	80.221	ng/ul	98
32) 4-Chloroaniline	11.043	127	463761	87.979	ng/ul	94
33) Hexachlorobutadiene	11.219	225	189985	65.060	ng/ul	92
34) Caprolactam	11.824	113	121247m	90.966	ng/ul	
35) 4-Chloro-3-methylphenol	12.153	107	401204	90.030	ng/ul	98
36) 2-Methylnaphthalene	12.541	142	743480	86.643	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.758	142	765660	86.368	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.899	216	405434	76.460	ng/ul	99
40) Hexachlorocyclopentadiene	12.882	237	244535	102.099	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.134	196	271894	101.781	ng/ul	94
42) 2,4,5-Trichlorophenol	13.205	196	299039	101.407	ng/ul	91
43) 1,1'-Biphenyl	13.546	154	1006365	82.146	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	790404	83.147	ng/ul	99
45) 2-Nitroaniline	13.781	65	308789	110.954	ng/ul	99
47) Dimethylphthalate	14.163	163	1041465	86.727	ng/ul	99
48) 2,6-Dinitrotoluene	14.280	165	211791	137.268	ng/ul	95
50) Acenaphthylene	14.427	152	1291483	78.953	ng/ul	98
51) 3-Nitroaniline	14.603	138	192565	100.562	ng/ul#	97
52) Acenaphthene	14.768	153	870119	79.650	ng/ul	96
53) 2,4-Dinitrophenol	14.803	184	101702	117.567	ng/ul	87
55) 4-Nitrophenol	14.897	109	197245	90.455	ng/ul	97
56) Dibenzofuran	15.103	168	1232584	82.246	ng/ul	91
57) 2,4-Dinitrotoluene	15.062	165	305304	132.840	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.320	232	278340	107.002	ng/ul	99
59) Diethylphthalate	15.526	149	1069143	92.908	ng/ul	97
61) Fluorene	15.749	166	994259	78.278	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.743	204	492538	72.365	ng/ul	97
63) 4-Nitroaniline	15.767	138	195304	92.450	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.820	198	181539	123.530	ng/ul#	94
67) N-Nitrosodiphenylamine	15.955	169	860248	79.694	ng/ul	97
68) 4-Bromophenyl-phenylether	16.636	248	342199	83.293	ng/ul	97
69) Hexachlorobenzene	16.742	284	405474	86.006	ng/ul	98
70) Atrazine	16.907	200	335399	94.421	ng/ul	97
71) Pentachlorophenol	17.083	266	267276	110.293	ng/ul	95
72) Phenanthrene	17.488	178	1625940	77.094	ng/ul	100
74) Anthracene	17.582	178	1664078	76.835	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.505	216	400020	77.423	ng/uL	98
76) Pentachlorobenzene	15.015	250	462615	90.019	ng/uL	94
77) Carbazole	17.847	167	1489837	82.676	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1722182	97.192	ng/ul	98
80) Fluoranthene	19.492	202	1871165	74.050	ng/ul	98
82) Pyrene	19.856	202	1948822	73.143	ng/ul	98
83) Butylbenzylphthalate	20.749	149	787504	118.743	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.607	252	625163	85.381	ng/ul	97
85) Benzo(a)anthracene	21.695	228	2034590	77.241	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.619	149	1140741	109.317	ng/ul	97
87) Chrysene	21.760	228	1914696	76.751	ng/ul	99
89) Di-n-octyl phthalate	22.852	149	2041584	95.400	ng/ul	100
90) Benzo(b)fluoranthene	23.922	252	2217314	81.275	ng/ul	98
91) Benzo(k)fluoranthene	23.992	252	2157384	76.703	ng/ul	99
93) Benzo(a)pyrene	24.797	252	2101122	79.693	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.634	276	2674426m	84.433	ng/ul	
95) Dibenzo(a,h)anthracene	28.716	278	2245157	86.415	ng/ul	99
96) Benzo(g,h,i)perylene	29.791	276	2150932	83.603	ng/ul	99

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

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