Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091724\
Data File : BG062895.D
Acq On : 17 Sep 2024 17:10
Operator : JU/RC
Sample : SSTD01059
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010446

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 18 00:33:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:18:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	50490	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	201033	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	158450	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	385792	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	381302	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	432005	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	8459m	7.573	ng/uL	0.00
4) Pyridine-d5	3.734	84	49375	13.887	ng/ul	0.00
7) Phenol-d5	7.025	99	54967	12.415	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	29675	11.180	ng/ul	0.00
11) 2-Chlorophenol-d4	7.389	132	35180	10.909	ng/ul	0.00
15) 4-Methylphenol-d8	8.564	113	37998	10.299	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	17756	12.358	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	19734	12.558	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	41581	12.151	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	55046	11.702	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	132638	10.870	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	147848	10.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	20023	9.660	ng/ul	0.00
60) Fluorene-d10	15.479	176	126150	11.473	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	21891	9.865	ng/ul	0.00
73) Anthracene-d10	17.336	188	201695	11.078	ng/ul	0.00
81) Pyrene-d10	19.627	212	260378	12.135	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	253319	11.105	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	7011	5.601	ng/uL	88
5) Pyridine	3.758	79	48809	13.089	ng/ul	94
6) Benzaldehyde	7.001	77	35456	14.566	ng/ul	97
8) Phenol	7.054	94	58627	12.739	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.277	93	39574	11.375	ng/ul#	83
12) 2-Chlorophenol	7.418	128	36485	11.065	ng/ul	88
13) 2-Methylphenol	8.294	108	39757	11.520	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.370	45	48283	7.710	ng/ul	93
16) Acetophenone	8.670	105	64761	10.800	ng/ul#	97
17) N-Nitroso-di-n-propyla...	8.652	70	36686	11.687	ng/ul#	93
18) 4-Methylphenol	8.629	108	44088	11.355	ng/ul	94
19) Hexachloroethane	8.934	117	15038	11.329	ng/ul	95
22) Nitrobenzene	9.052	77	51170	13.165	ng/ul	95
23) Isophorone	9.569	82	107414	13.517	ng/ul	96
25) 2-Nitrophenol	9.757	139	22582	13.039	ng/ul#	83
26) 2,4-Dimethylphenol	9.821	107	49178	13.289	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.056	93	56921	12.817	ng/ul	96
29) 2,4-Dichlorophenol	10.297	162	42539	12.621	ng/ul	93
30) Naphthalene	10.697	128	124170	11.520	ng/ul	96
32) 4-Chloroaniline	10.802	127	53941	11.530	ng/ul	97
33) Hexachlorobutadiene	10.979	225	33272	11.850	ng/ul#	87
34) Caprolactam	11.543	113	13576	10.929	ng/ul#	65
35) 4-Chloro-3-methylphenol	11.931	107	48163	13.099	ng/ul	93
36) 2-Methylnaphthalene	12.307	142	91898	11.552	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.524	142	94514	11.598	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.677	216	61517	11.293	ng/ul	98
40) Hexachlorocyclopentadiene	12.659	237	25697	9.219	ng/ul	89
41) 2,4,6-Trichlorophenol	12.918	196	37974	11.509	ng/ul	91
42) 2,4,5-Trichlorophenol	12.994	196	41088	11.598	ng/ul	97
43) 1,1'-Biphenyl	13.317	154	133717	12.001	ng/ul	95
44) 2-Chloronaphthalene	13.358	162	106178	11.719	ng/ul	99
45) 2-Nitroaniline	13.564	65	35113	14.123	ng/ul	96
47) Dimethylphthalate	13.940	163	136059	10.828	ng/ul#	95
48) 2,6-Dinitrotoluene	14.057	165	25437	11.490	ng/ul#	97
50) Acenaphthylene	14.210	152	159073	11.119	ng/ul	98
51) 3-Nitroaniline	14.386	138	22308	10.065	ng/ul#	93
52) Acenaphthene	14.551	153	116170	11.463	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	10459	7.155	ng/ul	89
55) 4-Nitrophenol	14.710	109	21593	11.589	ng/ul	91
56) Dibenzofuran	14.886	168	172234	11.441	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	38844	11.222	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.115	232	36730	10.231	ng/ul	97
59) Diethylphthalate	15.309	149	154042	12.426	ng/ul	96
61) Fluorene	15.538	166	130251	11.013	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.532	204	74945	10.803	ng/ul	95
63) 4-Nitroaniline	15.550	138	24336m	10.203	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.609	198	23759	10.329	ng/ul#	92
67) N-Nitrosodiphenylamine	15.744	169	122020	12.333	ng/ul	94
68) 4-Bromophenyl-phenylether	16.425	248	46719	10.524	ng/ul	98
69) Hexachlorobenzene	16.543	284	56470	11.141	ng/ul#	87
70) Atrazine	16.696	200	53745	12.196	ng/ul	100
71) Pentachlorophenol	16.889	266	26153m	8.626	ng/ul	
72) Phenanthrene	17.277	178	228364	11.383	ng/ul	99
74) Anthracene	17.371	178	235369	11.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.282	216	63269	12.009	ng/ul	98
76) Pentachlorobenzene	14.810	250	68026	11.652	ng/ul	96
77) Carbazole	17.636	167	194417	11.463	ng/ul	97
78) Di-n-butylphthalate	18.206	149	245335	12.231	ng/ul	99
80) Fluoranthene	19.293	202	282854	11.903	ng/ul	99
82) Pyrene	19.657	202	302837	11.838	ng/ul	97
83) Butylbenzylphthalate	20.556	149	102799	13.537	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.390	252	102406	12.757	ng/ul#	90
85) Benzo(a)anthracene	21.466	228	300225	11.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.384	149	152668	13.653	ng/ul#	96
87) Chrysene	21.531	228	280777	11.160	ng/ul	97
89) Di-n-octyl phthalate	22.530	149	261118	12.994	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	289643	10.859	ng/ul	99
91) Benzo(k)fluoranthene	23.617	252	289870	10.614	ng/ul	98
93) Benzo(a)pyrene	24.375	252	276492	10.990	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.935	276	330885m	10.675	ng/ul	
95) Dibenzo(a,h)anthracene	27.994	278	272373m	10.940	ng/ul	
96) Benzo(g,h,i)perylene	28.999	276	257015	10.736	ng/ul	98

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

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