Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
Data File : BG060432.D
Acq On : 25 Jan 2024 20:57
Operator : MA/JU
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080403

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 26 05:53:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 05:39:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	154760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.729	136	718834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	525069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1264298	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1151656	20.000	ng/ul	0.00
88) Perylene-d12	24.736	264	1275367	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	105489	34.156	ng/uL	0.00
4) Pyridine-d5	3.767	84	857808	87.803	ng/ul	0.00
7) Phenol-d5	7.092	99	1351436	91.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	797761	86.373	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	892712	90.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.638	113	1065838	88.036	ng/ul	0.00
21) Nitrobenzene-d5	9.090	128	480335	90.561	ng/ul	0.00
24) 2-Nitrophenol-d4	9.813	143	567053	91.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.353	165	1168860	90.720	ng/ul	0.00
31) 4-Chloroaniline-d4	10.870	131	1470056	86.975	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	3339338	77.722	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	3846437	79.810	ng/ul	0.00
54) 4-Nitrophenol-d4	14.777	143	563199	91.520	ng/ul	0.01
60) Fluorene-d10	15.559	176	2983960	79.262	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.682	200	713978	91.200	ng/ul	0.01
73) Anthracene-d10	17.416	188	4518613m	75.394	ng/ul	0.00
81) Pyrene-d10	19.701	212	5046806	73.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.531	264	5651465	84.472	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	110781	33.320	ng/uL#	94
5) Pyridine	3.790	79	863760	86.963	ng/ul	96
6) Benzaldehyde	7.063	77	389618	69.737	ng/ul	93
8) Phenol	7.122	94	1378355	89.715	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.345	93	1054021	86.132	ng/ul	100
12) 2-Chlorophenol	7.492	128	916841	90.556	ng/ul	96
13) 2-Methylphenol	8.367	108	1046159	88.113	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.455	45	1370081	84.837	ng/ul	98
16) Acetophenone	8.749	105	1689484	87.566	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.743	70	898939	86.403	ng/ul	97
18) 4-Methylphenol	8.708	108	1135198	88.923	ng/ul	96
19) Hexachloroethane	9.002	117	388808	86.858	ng/ul	95
22) Nitrobenzene	9.131	77	1286103	88.664	ng/ul	99
23) Isophorone	9.660	82	2568646	81.679	ng/ul	100
25) 2-Nitrophenol	9.842	139	585096	92.905	ng/ul	97
26) 2,4-Dimethylphenol	9.901	107	1139356	87.672	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.136	93	1545034	86.304	ng/ul	99
29) 2,4-Dichlorophenol	10.377	162	1118680	90.327	ng/ul	95
30) Naphthalene	10.782	128	3213122	82.840	ng/ul	97
32) 4-Chloroaniline	10.894	127	1431031	86.296	ng/ul	98
33) Hexachlorobutadiene	11.058	225	870675	84.665	ng/ul	97
34) Caprolactam	11.669	113	337859m	82.219	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	1103715	88.889	ng/ul	99
36) 2-Methylnaphthalene	12.386	142	2289193	83.955	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.609	142	2256474	81.880	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.756	216	1639137	85.774	ng/ul	99
40) Hexachlorocyclopentadiene	12.733	237	1043179	90.274	ng/ul	97
41) 2,4,6-Trichlorophenol	12.997	196	1041507	89.407	ng/ul	99
42) 2,4,5-Trichlorophenol	13.074	196	1095971	89.035	ng/ul	99
43) 1,1'-Biphenyl	13.397	154	3141772	80.773	ng/ul#	93
44) 2-Chloronaphthalene	13.444	162	2716515	82.720	ng/ul	98
45) 2-Nitroaniline	13.649	65	761457	92.123	ng/ul	97
47) Dimethylphthalate	14.019	163	3318757	77.383	ng/ul#	97
48) 2,6-Dinitrotoluene	14.143	165	747274	92.391	ng/ul	99
50) Acenaphthylene	14.290	152	4115716	77.405	ng/ul	95
51) 3-Nitroaniline	14.478	138	575271	84.611	ng/ul#	98
52) Acenaphthene	14.631	153	2885046	81.345	ng/ul	97
53) 2,4-Dinitrophenol	14.678	184	464717	105.270	ng/ul	97
55) 4-Nitrophenol	14.795	109	377403	90.077	ng/ul	94
56) Dibenzofuran	14.965	168	3810009	76.091	ng/ul#	88
57) 2,4-Dinitrotoluene	14.930	165	1083387	91.408	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.189	232	1028932	89.943	ng/ul#	98
59) Diethylphthalate	15.383	149	3178838	77.088	ng/ul	95
61) Fluorene	15.618	166	3166759	77.090	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.606	204	1827471	80.596	ng/ul	99
63) 4-Nitroaniline	15.647	138	543735	81.633	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.700	198	736868	89.984	ng/ul#	97
67) N-Nitrosodiphenylamine	15.817	169	2801899	81.707	ng/ul	98
68) 4-Bromophenyl-phenylether	16.499	248	1248311	84.989	ng/ul	99
69) Hexachlorobenzene	16.616	284	1421661	83.441	ng/ul	95
70) Atrazine	16.769	200	1129648	80.132	ng/ul	97
71) Pentachlorophenol	16.963	266	861691	91.827	ng/ul	95
72) Phenanthrene	17.357	178	4841555	72.835	ng/ul#	89
74) Anthracene	17.451	178	4896381	72.285	ng/ul#	86
75) 1,2,3,4-Tetrachloroben...	13.361	216	1600042	86.481	ng/uL	100
76) Pentachlorobenzene	14.883	250	1647190	85.517	ng/uL	98
77) Carbazole	17.715	167	4402419	78.692	ng/ul#	92
78) Di-n-butylphthalate	18.273	149	4535536	68.769	ng/ul#	91
80) Fluoranthene	19.372	202	5331516	69.217	ng/ul#	90
82) Pyrene	19.736	202	5332687	66.522	ng/ul#	86
83) Butylbenzylphthalate	20.618	149	2357006	82.489	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.475	252	2065130	77.141	ng/ul	100
85) Benzo(a)anthracene	21.558	228	5730793	72.165	ng/ul#	80
86) Bis(2-ethylhexyl)phtha...	21.458	149	3304503	77.480	ng/ul	92
87) Chrysene	21.622	228	5431043	72.806	ng/ul#	83
89) Di-n-octyl phthalate	22.645	149	5359091	78.740	ng/ul	100
90) Benzo(b)fluoranthene	23.737	252	6352486	80.268	ng/ul#	92
91) Benzo(k)fluoranthene	23.808	252	6408328m	79.316	ng/ul	
93) Benzo(a)pyrene	24.601	252	6138212	80.623	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.361	276	8022886	85.964	ng/ul	97
95) Dibenzo(a,h)anthracene	28.420	278	6506150	85.445	ng/ul	97
96) Benzo(g,h,i)perylene	29.495	276	6474335	85.678	ng/ul	97

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

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