Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063483.D
Acq On : 20 Nov 2024 13:31
Operator : RC/JU
Sample : SSTD08080
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080421

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 14:31:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 13:32:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	107317	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	436042	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	342428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	830220	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	903133	20.000	ng/ul	0.00
88) Perylene-d12	24.533	264	952233	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	84775m	35.216	ng/uL	0.00
4) Pyridine-d5	3.704	84	668373	83.556	ng/ul	0.00
7) Phenol-d5	7.012	99	695882	72.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	447730	78.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	500493	79.956	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	583607	71.759	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	264814	84.353	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	320644	80.149	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	609735	77.686	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	749628	73.875	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	1836636	69.496	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	2055576	77.026	ng/ul	0.00
54) 4-Nitrophenol-d4	14.703	143	287481	78.231	ng/ul	0.01
60) Fluorene-d10	15.473	176	1658754	73.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	398535	77.158	ng/ul	0.00
73) Anthracene-d10	17.330	188	2735820	75.330	ng/ul	0.00
81) Pyrene-d10	19.627	212	3377015	73.144	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.333	264	3674723	78.617	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	91183	30.938	ng/uL#	80
5) Pyridine	3.722	79	679635	83.603	ng/ul	97
6) Benzaldehyde	6.971	77	311690	60.256	ng/ul	97
8) Phenol	7.042	94	760105	72.707	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.259	93	543439	75.537	ng/ul	95
12) 2-Chlorophenol	7.400	128	525141	77.748	ng/ul	99
13) 2-Methylphenol	8.281	108	571870	75.016	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	782781	83.289	ng/ul	97
16) Acetophenone	8.651	105	906134	70.203	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.651	70	517833	69.143	ng/ul	94
18) 4-Methylphenol	8.616	108	612978	69.853	ng/ul	92
19) Hexachloroethane	8.910	117	223571	81.185	ng/ul	95
22) Nitrobenzene	9.033	77	787870	82.166	ng/ul	97
23) Isophorone	9.556	82	1412931	71.993	ng/ul	98
25) 2-Nitrophenol	9.738	139	320635	81.568	ng/ul	98
26) 2,4-Dimethylphenol	9.809	107	658617	76.909	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.038	93	766970	79.032	ng/ul	99
29) 2,4-Dichlorophenol	10.279	162	581933	78.770	ng/ul	96
30) Naphthalene	10.673	128	1744464	77.251	ng/ul	98
32) 4-Chloroaniline	10.784	127	705400	72.891	ng/ul	99
33) Hexachlorobutadiene	10.961	225	520448	75.338	ng/ul	94
34) Caprolactam	11.560	113	184933m	63.397	ng/ul	
35) 4-Chloro-3-methylphenol	11.924	107	617407	72.284	ng/ul	95
36) 2-Methylnaphthalene	12.288	142	1259158	72.147	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	1280424	70.825	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.659	216	964070	78.961	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	478667	75.452	ng/ul	95
41) 2,4,6-Trichlorophenol	12.905	196	543316	82.870	ng/ul	99
42) 2,4,5-Trichlorophenol	12.982	196	566268	79.701	ng/ul	92
43) 1,1'-Biphenyl	13.305	154	1782031	79.983	ng/ul	97
44) 2-Chloronaphthalene	13.346	162	1394050	80.066	ng/ul	97
45) 2-Nitroaniline	13.557	65	487441	82.868	ng/ul	97
47) Dimethylphthalate	13.933	163	1735117	68.172	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	376870	76.388	ng/ul	90
50) Acenaphthylene	14.198	152	2068443	77.369	ng/ul	97
51) 3-Nitroaniline	14.386	138	313343	73.545	ng/ul	98
52) Acenaphthene	14.539	153	1489755	78.027	ng/ul	98
53) 2,4-Dinitrophenol	14.597	184	230011	72.731	ng/ul	97
55) 4-Nitrophenol	14.715	109	325080	69.219	ng/ul	95
56) Dibenzofuran	14.874	168	2141252	74.212	ng/ul	98
57) 2,4-Dinitrotoluene	14.850	165	564239	72.504	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.109	232	548120	75.743	ng/ul#	97
59) Diethylphthalate	15.302	149	1763819	67.880	ng/ul#	96
61) Fluorene	15.532	166	1781872	73.233	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.520	204	1095841	71.291	ng/ul	99
63) 4-Nitroaniline	15.561	138	305178	69.875	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.620	198	412668	76.912	ng/ul#	93
67) N-Nitrosodiphenylamine	15.737	169	1519648	79.485	ng/ul	95
68) 4-Bromophenyl-phenylether	16.419	248	751779	78.173	ng/ul	98
69) Hexachlorobenzene	16.536	284	778370	76.300	ng/ul	93
70) Atrazine	16.695	200	744362	73.570	ng/ul	99
71) Pentachlorophenol	16.883	266	394511	75.261	ng/ul#	90
72) Phenanthrene	17.271	178	2945369	75.898	ng/ul	94
74) Anthracene	17.365	178	2982779	75.039	ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.270	216	977483	87.677	ng/ul	95
76) Pentachlorobenzene	14.797	250	945745	80.485	ng/ul	95
77) Carbazole	17.635	167	2562458	77.688	ng/ul	98
78) Di-n-butylphthalate	18.199	149	2849959	75.440	ng/ul	98
80) Fluoranthene	19.292	202	3659154	73.092	ng/ul	98
82) Pyrene	19.662	202	3764555	70.250	ng/ul	98
83) Butylbenzylphthalate	20.555	149	1353868	84.671	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.389	252	1443676	73.585	ng/ul	99
85) Benzo(a)anthracene	21.472	228	4226597	72.652	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.384	149	1935257	83.401	ng/ul	98
87) Chrysene	21.536	228	3928463	72.196	ng/ul#	88
89) Di-n-octyl phthalate	22.529	149	3362151	85.610	ng/ul	100
90) Benzo(b)fluoranthene	23.575	252	4528610	78.525	ng/ul	98
91) Benzo(k)fluoranthene	23.640	252	4382864	74.716	ng/ul	95
93) Benzo(a)pyrene	24.398	252	4160677	77.229	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.982	276	5256510	79.130	ng/ul	97
95) Dibenzo(a,h)anthracene	28.035	278	4257840	78.118	ng/ul	97
96) Benzo(g,h,i)perylene	29.057	276	3969450	79.017	ng/ul	98

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

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