

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
 Data File : BG063482.D
 Acq On : 20 Nov 2024 12:53
 Operator : RC/JU
 Sample : SSTD04079
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040420

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 14:27:11 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	101149	20.000	ng/u1	0.00
20) Naphthalene-d8	10.619	136	429552	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	337636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.223	188	802101	20.000	ng/u1	0.00
79) Chrysene-d12	21.483	240	865577	20.000	ng/u1	0.00
88) Perylene-d12	24.521	264	931480	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	42342	18.662	ng/uL	0.00
4) Pyridine-d5	3.704	84	327393	43.424	ng/u1	0.00
7) Phenol-d5	7.012	99	344845	38.154	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	218653	40.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.370	132	241184	40.880	ng/u1	0.00
15) 4-Methylphenol-d8	8.545	113	290673	37.920	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	125745	40.660	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	155965	39.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	298941	38.663	ng/u1	0.00
31) 4-Chloroaniline-d4	10.760	131	365607	36.574	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	921839	35.376	ng/u1	0.00
49) Acenaphthylene-d8	14.162	160	1052121	39.984	ng/u1	0.00
54) 4-Nitrophenol-d4	14.691	143	133669	36.891	ng/u1	0.00
60) Fluorene-d10	15.467	176	833037	37.512	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	185120	37.096	ng/u1	0.00
73) Anthracene-d10	17.323	188	1409608	40.174	ng/u1	0.00
81) Pyrene-d10	19.627	212	1757130	39.710	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	1859970	40.679	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	46438	16.717	ng/uL#	88
5) Pyridine	3.722	79	331541	43.271	ng/u1	97
6) Benzaldehyde	6.971	77	213714	43.835	ng/u1	96
8) Phenol	7.035	94	364153	36.957	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.259	93	261860	38.618	ng/u1#	94
12) 2-Chlorophenol	7.400	128	253293	39.787	ng/u1	98
13) 2-Methylphenol	8.281	108	279216	38.860	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	392262	44.282	ng/u1	97
16) Acetophenone	8.651	105	458290	37.671	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.639	70	255526	36.199	ng/u1	91
18) 4-Methylphenol	8.604	108	299439	36.204	ng/u1	93
19) Hexachloroethane	8.904	117	113700	43.806	ng/u1	85
22) Nitrobenzene	9.027	77	391263	41.421	ng/u1	99
23) Isophorone	9.550	82	701352	36.276	ng/u1	97
25) 2-Nitrophenol	9.738	139	156977	40.537	ng/u1	96
26) 2,4-Dimethylphenol	9.803	107	324967	38.521	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.032	93	377333	39.470	ng/u1	97
29) 2,4-Dichlorophenol	10.279	162	291528	40.057	ng/u1	96
30) Naphthalene	10.672	128	885813	39.819	ng/u1	99
32) 4-Chloroaniline	10.784	127	350009	36.714	ng/u1	100
33) Hexachlorobutadiene	10.954	225	256337	37.667	ng/u1	89
34) Caprolactam	11.536	113	96657m	33.636	ng/u1	
35) 4-Chloro-3-methylphenol	11.918	107	296971	35.294	ng/u1	94
36) 2-Methylnaphthalene	12.282	142	633800	36.864	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.505	142	647335	36.348	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.658	216	481244	39.975	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	201251	32.173	ng/ul	94
41) 2,4,6-Trichlorophenol	12.899	196	262504	40.607	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	271821	38.801	ng/ul	95
43) 1,1'-Biphenyl	13.299	154	899093	40.927	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	692486	40.337	ng/ul	98
45) 2-Nitroaniline	13.551	65	240271	41.428	ng/ul	97
47) Dimethylphthalate	13.927	163	887722	35.373	ng/ul	98
48) 2,6-Dinitrotoluene	14.051	165	187113	38.464	ng/ul#	87
50) Acenaphthylene	14.192	152	1055305	40.033	ng/ul	96
51) 3-Nitroaniline	14.380	138	164790	39.227	ng/ul#	94
52) Acenaphthene	14.538	153	744890	39.568	ng/ul	97
53) 2,4-Dinitrophenol	14.597	184	90308	28.961	ng/ul	94
55) 4-Nitrophenol	14.709	109	154472	33.358	ng/ul	95
56) Dibenzofuran	14.873	168	1094667	38.478	ng/ul	98
57) 2,4-Dinitrotoluene	14.844	165	285870	37.255	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.108	232	265539	37.215	ng/ul#	96
59) Diethylphthalate	15.296	149	892376	34.830	ng/ul	98
61) Fluorene	15.525	166	917878	38.259	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.520	204	556802	36.737	ng/ul	97
63) 4-Nitroaniline	15.549	138	172431	40.041	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.614	198	197785	38.155	ng/ul#	100
67) N-Nitrosodiphenylamine	15.737	169	765610	41.449	ng/ul	96
68) 4-Bromophenyl-phenylether	16.413	248	372175	40.057	ng/ul	99
69) Hexachlorobenzene	16.536	284	380539	38.610	ng/ul	95
70) Atrazine	16.689	200	374453	38.307	ng/ul	97
71) Pentachlorophenol	16.883	266	175234	34.601	ng/ul	96
72) Phenanthrene	17.270	178	1539950	41.073	ng/ul	97
74) Anthracene	17.359	178	1570664	40.899	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	484266	44.960	ng/ul	91
76) Pentachlorobenzene	14.797	250	477958	42.101	ng/ul	97
77) Carbazole	17.635	167	1321187	41.460	ng/ul	99
78) Di-n-butylphthalate	18.193	149	1499920	41.095	ng/ul	99
80) Fluoranthene	19.292	202	1941666	40.468	ng/ul	98
82) Pyrene	19.656	202	2072552	40.354	ng/ul	98
83) Butylbenzylphthalate	20.549	149	690177	45.036	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.389	252	763471	40.603	ng/ul	100
85) Benzo(a)anthracene	21.466	228	2239534	40.166	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.383	149	986109	44.341	ng/ul	98
87) Chrysene	21.530	228	2087263	40.024	ng/ul	95
89) Di-n-octyl phthalate	22.529	149	1721996	44.824	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	2308821	40.926	ng/ul	100
91) Benzo(k)fluoranthene	23.628	252	2233431	38.922	ng/ul	100
93) Benzo(a)pyrene	24.386	252	2105137	39.945	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.958	276	2642387	40.664	ng/ul	98
95) Dibenzo(a,h)anthracene	28.011	278	2146028	40.250	ng/ul	96
96) Benzo(g,h,i)perylene	29.033	276	1987434	40.444	ng/ul	97

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

