

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063225.D
 Acq On : 8 Nov 2024 12:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020520

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 13:50:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	95101	20.000	ng/u1	0.00
20) Naphthalene-d8	10.625	136	419078	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.474	164	374413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	944259	20.000	ng/u1	0.00
79) Chrysene-d12	21.483	240	950580	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	1005679	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16348m	7.773	ng/uL	0.00
4) Pyridine-d5	3.704	84	135204	19.450	ng/u1	0.00
7) Phenol-d5	7.006	99	168998	19.694	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	105299	20.920	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	119973	21.539	ng/u1	-0.01
15) 4-Methylphenol-d8	8.540	113	144880	19.919	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	64133	21.768	ng/u1	0.00
24) 2-Nitrophenol-d4	9.709	143	81655	21.444	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	163613	21.894	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	192514	19.779	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	554762	18.916	ng/u1	0.00
49) Acenaphthylene-d8	14.162	160	606820	21.139	ng/u1	0.00
54) 4-Nitrophenol-d4	14.685	143	82496	20.545	ng/u1	0.00
60) Fluorene-d10	15.467	176	503372	20.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	111907	18.857	ng/u1	0.00
73) Anthracene-d10	17.323	188	864597	21.304	ng/u1	0.00
81) Pyrene-d10	19.621	212	1062364	22.291	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.309	264	1026475	21.140	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	18879m	7.291	ng/uL	
5) Pyridine	3.728	79	135123	19.051	ng/u1	94
6) Benzaldehyde	6.971	77	122051	25.734	ng/u1	97
8) Phenol	7.035	94	179350	19.178	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.259	93	126938	19.959	ng/u1	93
12) 2-Chlorophenol	7.400	128	120586	20.239	ng/u1	91
13) 2-Methylphenol	8.275	108	135385	19.819	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	171506	21.335	ng/u1	95
16) Acetophenone	8.651	105	232022	19.812	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.634	70	131575	19.261	ng/u1	98
18) 4-Methylphenol	8.604	108	155937	20.075	ng/u1	89
19) Hexachloroethane	8.910	117	48973	20.284	ng/u1#	86
22) Nitrobenzene	9.027	77	184923	20.356	ng/u1	96
23) Isophorone	9.550	82	367172	19.150	ng/u1	98
25) 2-Nitrophenol	9.744	139	83400	22.156	ng/u1	96
26) 2,4-Dimethylphenol	9.803	107	171405	20.876	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.032	93	196060	21.212	ng/u1	97
29) 2,4-Dichlorophenol	10.279	162	156930	22.276	ng/u1	93
30) Naphthalene	10.672	128	457567	21.339	ng/u1	99
32) 4-Chloroaniline	10.784	127	190435	20.442	ng/u1	99
33) Hexachlorobutadiene	10.966	225	146327	21.702	ng/u1	98
34) Caprolactam	11.536	113	55108	18.821	ng/u1	92
35) 4-Chloro-3-methylphenol	11.918	107	175646	20.779	ng/u1	93
36) 2-Methylnaphthalene	12.288	142	354658	20.868	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	363916	20.591	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.658	216	292001	22.123	ng/ul	93
40) Hexachlorocyclopentadiene	12.641	237	134712	18.692	ng/ul	97
41) 2,4,6-Trichlorophenol	12.899	196	167842	23.559	ng/ul	97
42) 2,4,5-Trichlorophenol	12.981	196	177959	23.035	ng/ul	94
43) 1,1'-Biphenyl	13.305	154	515675	21.728	ng/ul#	96
44) 2-Chloronaphthalene	13.346	162	399050	21.598	ng/ul	97
45) 2-Nitroaniline	13.551	65	127693	20.260	ng/ul	97
47) Dimethylphthalate	13.927	163	530573	18.868	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	107075	19.898	ng/ul	95
50) Acenaphthylene	14.192	152	605306	21.168	ng/ul#	96
51) 3-Nitroaniline	14.380	138	104547	22.258	ng/ul	99
52) Acenaphthene	14.538	153	428706	20.947	ng/ul	99
53) 2,4-Dinitrophenol	14.591	184	64869	18.284	ng/ul#	79
55) 4-Nitrophenol	14.703	109	94698	18.145	ng/ul	97
56) Dibenzofuran	14.873	168	654422	20.889	ng/ul	91
57) 2,4-Dinitrotoluene	14.844	165	167861	19.723	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.102	232	165217	20.649	ng/ul#	91
59) Diethylphthalate	15.296	149	527022	18.280	ng/ul	100
61) Fluorene	15.526	166	533641	20.126	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.520	204	337391	19.799	ng/ul	97
63) 4-Nitroaniline	15.543	138	102695	21.602	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.608	198	125753	20.419	ng/ul	99
67) N-Nitrosodiphenylamine	15.731	169	455685	21.632	ng/ul	95
68) 4-Bromophenyl-phenylether	16.413	248	236681	21.925	ng/ul	99
69) Hexachlorobenzene	16.536	284	239183	20.799	ng/ul	96
70) Atrazine	16.683	200	227143	19.711	ng/ul	98
71) Pentachlorophenol	16.883	266	123484	21.419	ng/ul	90
72) Phenanthrene	17.271	178	921111	21.350	ng/ul	99
74) Anthracene	17.359	178	957438	21.663	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	287076	23.510	ng/ul	97
76) Pentachlorobenzene	14.797	250	293059	22.506	ng/ul	96
77) Carbazole	17.629	167	774168	21.098	ng/ul	98
78) Di-n-butylphthalate	18.193	149	917355	21.978	ng/ul	99
80) Fluoranthene	19.286	202	1191932	23.137	ng/ul#	99
82) Pyrene	19.650	202	1225160	22.437	ng/ul	98
83) Butylbenzylphthalate	20.549	149	373583	23.410	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.383	252	449243	21.978	ng/ul	98
85) Benzo(a)anthracene	21.466	228	1298784	21.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	540651	23.259	ng/ul	99
87) Chrysene	21.524	228	1186749	21.170	ng/ul	98
89) Di-n-octyl phthalate	22.523	149	929550	23.455	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1264073	20.891	ng/ul	98
91) Benzo(k)fluoranthene	23.622	252	1280652	21.249	ng/ul	98
93) Benzo(a)pyrene	24.374	252	1165537	20.824	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.935	276	1441034	20.990	ng/ul	98
95) Dibenzo(a,h)anthracene	27.993	278	1176988	21.028	ng/ul	98
96) Benzo(g,h,i)perylene	29.010	276	1093723	21.012	ng/ul	98

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

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