

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063511.D
 Acq On : 22 Nov 2024 9:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020547

Quant Time: Nov 22 12:18:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	93814	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	389508	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.470	164	299006	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.226	188	712965	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	819652	20.000	ng/u1	0.00
88) Perylene-d12	24.529	264	899423	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	18508	7.787	ng/uL	0.00
4) Pyridine-d5	3.701	84	137615	18.471	ng/u1	0.00
7) Phenol-d5	7.009	99	165703	21.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.161	67	105164	21.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.361	132	120363	22.012	ng/u1	0.00
15) 4-Methylphenol-d8	8.542	113	127523	19.779	ng/u1	0.00
21) Nitrobenzene-d5	8.989	128	59405	21.238	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	70609	20.434	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	138599	21.014	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	170804	20.475	ng/u1	0.00
46) Dimethylphthalate-d6	13.877	166	439821	21.668	ng/u1	0.00
49) Acenaphthylene-d8	14.165	160	495178	21.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.688	143	56096	18.599	ng/u1	0.00
60) Fluorene-d10	15.469	176	392836	21.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	77823	19.415	ng/u1	0.00
73) Anthracene-d10	17.326	188	674788	21.785	ng/u1	0.00
81) Pyrene-d10	19.629	212	873986	21.272	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.324	264	924459	21.191	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	21956	7.823	ng/uL#	87
5) Pyridine	3.724	79	144406	19.049	ng/u1	96
6) Benzaldehyde	6.968	77	112512	25.477	ng/u1#	86
8) Phenol	7.032	94	172377	20.488	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.255	93	125893	20.731	ng/u1	98
12) 2-Chlorophenol	7.402	128	119658	20.502	ng/u1	97
13) 2-Methylphenol	8.278	108	128601	20.544	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.348	45	196261	22.061	ng/u1	97
16) Acetophenone	8.648	105	211095	20.726	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.630	70	121409	21.330	ng/u1#	96
18) 4-Methylphenol	8.601	108	144119	20.991	ng/u1	93
19) Hexachloroethane	8.906	117	54161	21.487	ng/u1	89
22) Nitrobenzene	9.030	77	180445	21.028	ng/u1	96
23) Isophorone	9.547	82	320582	20.459	ng/u1	98
25) 2-Nitrophenol	9.735	139	75793	22.108	ng/u1	90
26) 2,4-Dimethylphenol	9.799	107	153069	20.713	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.029	93	177785	20.496	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	132091	20.499	ng/u1	95
30) Naphthalene	10.669	128	430890	21.641	ng/u1#	95
32) 4-Chloroaniline	10.781	127	163380	20.495	ng/u1	97
33) Hexachlorobutadiene	10.957	225	113010	19.662	ng/u1	98
34) Caprolactam	11.533	113	43413m	19.989	ng/u1	
35) 4-Chloro-3-methylphenol	11.921	107	139332	21.245	ng/u1	94
36) 2-Methylnaphthalene	12.285	142	306694	21.701	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.502	142	323276	21.785	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.655	216	212842	20.256	ng/ul	94
40) Hexachlorocyclopentadiene	12.637	237	75001	16.735	ng/ul	93
41) 2,4,6-Trichlorophenol	12.902	196	110625	19.188	ng/ul	95
42) 2,4,5-Trichlorophenol	12.978	196	122325	20.559	ng/ul	98
43) 1,1'-Biphenyl	13.301	154	428269	21.582	ng/ul	97
44) 2-Chloronaphthalene	13.342	162	327933	21.031	ng/ul	94
45) 2-Nitroaniline	13.548	65	105639	21.495	ng/ul	96
47) Dimethylphthalate	13.924	163	413880	20.927	ng/ul#	99
48) 2,6-Dinitrotoluene	14.047	165	86279	21.504	ng/ul	89
50) Acenaphthylene	14.194	152	516337	22.189	ng/ul	98
51) 3-Nitroaniline	14.382	138	79803	21.717	ng/ul#	92
52) Acenaphthene	14.535	153	365823	21.766	ng/ul	98
53) 2,4-Dinitrophenol	14.600	184	31557m	15.319	ng/ul	
55) 4-Nitrophenol	14.700	109	65721	18.751	ng/ul	92
56) Dibenzofuran	14.870	168	513399	21.291	ng/ul	98
57) 2,4-Dinitrotoluene	14.841	165	126207	20.556	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.105	232	106540	18.843	ng/ul#	91
59) Diethylphthalate	15.293	149	428822	21.467	ng/ul	98
61) Fluorene	15.522	166	430728	20.985	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	257721	21.042	ng/ul	95
63) 4-Nitroaniline	15.546	138	83551	22.209	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	86534	20.204	ng/ul#	90
67) N-Nitrosodiphenylamine	15.734	169	367905	21.735	ng/ul	97
68) 4-Bromophenyl-phenylether	16.415	248	172208	21.557	ng/ul	95
69) Hexachlorobenzene	16.539	284	180167	21.511	ng/ul#	90
70) Atrazine	16.686	200	179709	21.974	ng/ul	99
71) Pentachlorophenol	16.885	266	58427	14.917	ng/ul#	85
72) Phenanthrene	17.267	178	730999	21.508	ng/ul	97
74) Anthracene	17.361	178	758405	21.853	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.272	216	215269	20.751	ng/ul	87
76) Pentachlorobenzene	14.794	250	215470	21.033	ng/ul	98
77) Carbazole	17.631	167	650443	22.589	ng/ul	99
78) Di-n-butylphthalate	18.195	149	737199	22.332	ng/ul	99
80) Fluoranthene	19.294	202	961046	21.155	ng/ul	99
82) Pyrene	19.659	202	1051196	21.594	ng/ul	97
83) Butylbenzylphthalate	20.552	149	331973	21.014	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	392130	22.271	ng/ul	99
85) Benzo(a)anthracene	21.468	228	1135476	21.424	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	510451	22.230	ng/ul	98
87) Chrysene	21.533	228	1069850	21.588	ng/ul	98
89) Di-n-octyl phthalate	22.532	149	876933	21.974	ng/ul	100
90) Benzo(b)fluoranthene	23.572	252	1145703	21.216	ng/ul#	99
91) Benzo(k)fluoranthene	23.630	252	1123112	20.726	ng/ul	99
93) Benzo(a)pyrene	24.388	252	1076911	21.308	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.966	276	1317830	21.022	ng/ul	98
95) Dibenzo(a,h)anthracene	28.013	278	1081847	21.110	ng/ul	96
96) Benzo(g,h,i)perylene	29.036	276	998455	21.006	ng/ul	98

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

