

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061757.D
 Acq On : 28 Jun 2024 3:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020542

Quant Time: Jun 28 04:35:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	86558	20.000	ng/u1	0.00
20) Naphthalene-d8	10.865	136	396078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.684	164	261421	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	620990	20.000	ng/u1	0.00
79) Chrysene-d12	21.687	240	500551	20.000	ng/u1	0.00
88) Perylene-d12	24.901	264	553494	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	18387	7.674	ng/uL	0.00
4) Pyridine-d5	3.867	84	146240	20.186	ng/u1	0.00
7) Phenol-d5	7.198	99	177703	18.911	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	111222	18.987	ng/u1	0.00
11) 2-Chlorophenol-d4	7.580	132	121671	18.869	ng/u1	0.00
15) 4-Methylphenol-d8	8.750	113	135521	18.656	ng/u1	0.00
21) Nitrobenzene-d5	9.225	128	62814	23.357	ng/u1	0.00
24) 2-Nitrophenol-d4	9.942	143	67271	24.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	137951	21.389	ng/u1	0.00
31) 4-Chloroaniline-d4	10.994	131	193501	19.816	ng/u1	0.00
46) Dimethylphthalate-d6	14.084	166	410126	20.387	ng/u1	0.00
49) Acenaphthylene-d8	14.378	160	478825	21.718	ng/u1	0.00
54) 4-Nitrophenol-d4	14.860	143	71738	20.764	ng/u1	0.00
60) Fluorene-d10	15.671	176	368605	20.930	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.782	200	43170	16.257	ng/u1	0.00
73) Anthracene-d10	17.528	188	598285	21.107	ng/u1	0.00
81) Pyrene-d10	19.807	212	657241	23.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.678	264	574829	21.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	19667	6.605	ng/uL#	76
5) Pyridine	3.891	79	154874	19.887	ng/u1	95
6) Benzaldehyde	7.187	77	111564	24.127	ng/u1	95
8) Phenol	7.228	94	187856	18.998	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	139836	18.789	ng/u1	95
12) 2-Chlorophenol	7.616	128	127134	19.652	ng/u1	92
13) 2-Methylphenol	8.491	108	128533	18.578	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.573	45	307094	20.196	ng/u1	98
16) Acetophenone	8.879	105	221834	18.546	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.861	70	117030	18.213	ng/u1	94
18) 4-Methylphenol	8.814	108	145129	18.724	ng/u1	97
19) Hexachloroethane	9.143	117	51432	19.828	ng/u1	89
22) Nitrobenzene	9.261	77	178117	22.990	ng/u1	93
23) Isophorone	9.784	82	346574	19.451	ng/u1	99
25) 2-Nitrophenol	9.972	139	69750	24.489	ng/u1#	73
26) 2,4-Dimethylphenol	10.025	107	166297	20.876	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.271	93	205847	20.423	ng/u1	95
29) 2,4-Dichlorophenol	10.506	162	125717	21.275	ng/u1	98
30) Naphthalene	10.918	128	444170	20.042	ng/u1	99
32) 4-Chloroaniline	11.023	127	184315	19.032	ng/u1	89
33) Hexachlorobutadiene	11.194	225	94028	23.036	ng/u1	95
34) Caprolactam	11.775	113	45431m	18.593	ng/u1	
35) 4-Chloro-3-methylphenol	12.128	107	161215	19.510	ng/u1	97
36) 2-Methylnaphthalene	12.516	142	306826	19.621	ng/u1	98

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37) 1-Methylnaphthalene	12.733	142	319594	19.154	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.874	216	168989	22.841	ng/ul	99
40) Hexachlorocyclopentadiene	12.857	237	83887	19.056	ng/ul	94
41) 2,4,6-Trichlorophenol	13.115	196	110677	23.186	ng/ul	91
42) 2,4,5-Trichlorophenol	13.186	196	116553	22.402	ng/ul	89
43) 1,1'-Biphenyl	13.520	154	412106	21.762	ng/ul	99
44) 2-Chloronaphthalene	13.562	162	313518	21.554	ng/ul	96
45) 2-Nitroaniline	13.761	65	126557	25.415	ng/ul	98
47) Dimethylphthalate	14.137	163	394372	19.741	ng/ul	97
48) 2,6-Dinitrotoluene	14.255	165	79512	23.986	ng/ul	97
50) Acenaphthylene	14.408	152	508415	20.659	ng/ul	98
51) 3-Nitroaniline	14.584	138	82756	24.377	ng/ul#	96
52) Acenaphthene	14.748	153	358385	21.028	ng/ul	93
53) 2,4-Dinitrophenol	14.784	184	20758	12.322	ng/ul	90
55) 4-Nitrophenol	14.878	109	70911	19.875	ng/ul	96
56) Dibenzofuran	15.083	168	495419	20.772	ng/ul	94
57) 2,4-Dinitrotoluene	15.036	165	123155	25.028	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.301	232	108811	21.329	ng/ul#	99
59) Diethylphthalate	15.495	149	421901	20.506	ng/ul	95
61) Fluorene	15.730	166	415084	21.029	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.724	204	203066	20.724	ng/ul	87
63) 4-Nitroaniline	15.741	138	86547	24.065	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.794	198	46389	15.423	ng/ul#	79
67) N-Nitrosodiphenylamine	15.935	169	337762	21.033	ng/ul	98
68) 4-Bromophenyl-phenylether	16.617	248	144744	22.638	ng/ul	96
69) Hexachlorobenzene	16.723	284	164965	21.260	ng/ul	99
70) Atrazine	16.881	200	135689	21.154	ng/ul	99
71) Pentachlorophenol	17.069	266	87364	18.483	ng/ul	96
72) Phenanthrene	17.469	178	669484	20.492	ng/ul	99
74) Anthracene	17.563	178	699973	20.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.485	216	165698	23.950	ng/ul	96
76) Pentachlorobenzene	14.995	250	188988	22.746	ng/ul	98
77) Carbazole	17.827	167	612797	21.603	ng/ul	99
78) Di-n-butylphthalate	18.391	149	750125	22.110	ng/ul	99
80) Fluoranthene	19.472	202	770935	23.764	ng/ul	99
82) Pyrene	19.837	202	792418	22.972	ng/ul	97
83) Butylbenzylphthalate	20.724	149	336168	26.766	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.582	252	237475	22.438	ng/ul	95
85) Benzo(a)anthracene	21.670	228	756522	21.531	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.582	149	468023	25.351	ng/ul	99
87) Chrysene	21.734	228	710208	21.362	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	780537	26.737	ng/ul	100
90) Benzo(b)fluoranthene	23.879	252	723521	21.746	ng/ul	97
91) Benzo(k)fluoranthene	23.949	252	730173	21.339	ng/ul	99
93) Benzo(a)pyrene	24.748	252	685795	21.410	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.550	276	853088m	21.372	ng/ul	
95) Dibenzo(a,h)anthracene	28.644	278	719884m	21.689	ng/ul	
96) Benzo(g,h,i)perylene	29.701	276	687186	21.357	ng/ul	98

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

