

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
 Data File : BG062561.D
 Acq On : 23 Aug 2024 10:27
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020473

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 11:37:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	60720	20.000	ng/u1	0.00
20) Naphthalene-d8	10.727	136	265187	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	197853	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.300	188	408418	20.000	ng/u1	0.00
79) Chrysene-d12	21.553	240	372147	20.000	ng/u1	0.00
88) Perylene-d12	24.631	264	424951	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	12744	7.969	ng/uL	0.00
4) Pyridine-d5	3.807	84	96049	19.709	ng/u1	0.00
7) Phenol-d5	7.096	99	115454	19.113	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.261	67	67706	17.794	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.466	132	85010	20.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.641	113	97925	19.340	ng/u1	0.00
21) Nitrobenzene-d5	9.088	128	42399	24.931	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	46900	27.723	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	97570	22.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.856	131	128629	18.824	ng/u1	-0.01
46) Dimethylphthalate-d6	13.964	166	293539	19.073	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	335835	19.708	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	47764	19.455	ng/u1	0.00
60) Fluorene-d10	15.550	176	266416	19.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200	45888	24.728	ng/u1	0.00
73) Anthracene-d10	17.400	188	390076	19.882	ng/u1	0.00
81) Pyrene-d10	19.685	212	449435	20.621	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.420	264	447320	19.835	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	12968	7.596	ng/uL	94
5) Pyridine	3.824	79	99858	19.474	ng/u1	91
6) Benzaldehyde	7.073	77	73338	23.420	ng/u1	99
8) Phenol	7.126	94	120073	18.944	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.355	93	84932	18.109	ng/u1	99
12) 2-Chlorophenol	7.502	128	87794	20.570	ng/u1	100
13) 2-Methylphenol	8.371	108	89639	18.794	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.453	45	179648	18.557	ng/u1	98
16) Acetophenone	8.753	105	146069	17.611	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.735	70	75322	17.209	ng/u1	99
18) 4-Methylphenol	8.700	108	103363	18.920	ng/u1	98
19) Hexachloroethane	9.017	117	35188	20.720	ng/u1	98
22) Nitrobenzene	9.129	77	108844	22.658	ng/u1	97
23) Isophorone	9.652	82	210123	18.522	ng/u1	99
25) 2-Nitrophenol	9.840	139	51352	27.170	ng/u1	94
26) 2,4-Dimethylphenol	9.904	107	112505	21.828	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.133	93	124297	19.697	ng/u1	98
29) 2,4-Dichlorophenol	10.374	162	101267	22.886	ng/u1	97
30) Naphthalene	10.780	128	305483	19.862	ng/u1	99
32) 4-Chloroaniline	10.885	127	125501	18.891	ng/u1	99
33) Hexachlorobutadiene	11.067	225	68993	20.512	ng/u1	95
34) Caprolactam	11.637	113	29925m	16.768	ng/u1	
35) 4-Chloro-3-methylphenol	12.007	107	108741	21.002	ng/u1	98
36) 2-Methylnaphthalene	12.383	142	214352	19.735	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.607	142	215473	19.444	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.753	216	132641	20.076	ng/ul	99
40) Hexachlorocyclopentadiene	12.736	237	51166	15.108	ng/ul	96
41) 2,4,6-Trichlorophenol	12.994	196	85166	22.408	ng/ul	98
42) 2,4,5-Trichlorophenol	13.065	196	92152	23.094	ng/ul	96
43) 1,1'-Biphenyl	13.394	154	300978	20.079	ng/ul	98
44) 2-Chloronaphthalene	13.435	162	236390	20.380	ng/ul	99
45) 2-Nitroaniline	13.635	65	73441	24.446	ng/ul	95
47) Dimethylphthalate	14.011	163	294109	18.850	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	55497	24.904	ng/ul	91
50) Acenaphthylene	14.281	152	358600	19.655	ng/ul	97
51) 3-Nitroaniline	14.457	138	57037	22.464	ng/ul	97
52) Acenaphthene	14.621	153	270762	19.830	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	30166	21.461	ng/ul	93
55) 4-Nitrophenol	14.762	109	39843	18.906	ng/ul	96
56) Dibenzofuran	14.956	168	376664	19.610	ng/ul	98
57) 2,4-Dinitrotoluene	14.915	165	83752	24.690	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.180	232	80727	21.042	ng/ul#	93
59) Diethylphthalate	15.379	149	287534	18.466	ng/ul	98
61) Fluorene	15.608	166	286190	18.904	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.602	204	147742	18.991	ng/ul	97
63) 4-Nitroaniline	15.620	138	55062	20.747	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.679	198	49398	23.625	ng/ul#	97
67) N-Nitrosodiphenylamine	15.814	169	252677	21.342	ng/ul	98
68) 4-Bromophenyl-phenylether	16.495	248	100133	21.846	ng/ul	97
69) Hexachlorobenzene	16.607	284	113476	21.250	ng/ul	99
70) Atrazine	16.760	200	97449	19.739	ng/ul	97
71) Pentachlorophenol	16.954	266	64996	20.857	ng/ul	96
72) Phenanthrene	17.341	178	457518	19.936	ng/ul	99
74) Anthracene	17.435	178	473036	20.122	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	137421	23.537	ng/ul	99
76) Pentachlorobenzene	14.880	250	139465	22.772	ng/ul	98
77) Carbazole	17.700	167	376180	19.049	ng/ul	98
78) Di-n-butylphthalate	18.269	149	472571	20.004	ng/ul	98
80) Fluoranthene	19.356	202	511443	21.005	ng/ul	99
82) Pyrene	19.720	202	545934	20.803	ng/ul	99
83) Butylbenzylphthalate	20.613	149	193898	21.935	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.448	252	178667	21.997	ng/ul#	96
85) Benzo(a)anthracene	21.530	228	545870	20.209	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.453	149	286238	22.163	ng/ul#	99
87) Chrysene	21.594	228	505253	19.730	ng/ul	96
89) Di-n-octyl phthalate	22.617	149	484721	21.388	ng/ul	100
90) Benzo(b)fluoranthene	23.662	252	521565	20.317	ng/ul	99
91) Benzo(k)fluoranthene	23.721	252	509848	19.676	ng/ul	99
93) Benzo(a)pyrene	24.490	252	477977	19.750	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.109	276	635315	20.654	ng/ul	98
95) Dibenzo(a,h)anthracene	28.168	278	513599	20.600	ng/ul	99
96) Benzo(g,h,i)perylene	29.190	276	486231	20.554	ng/ul	98

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

