

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061733.D
 Acq On : 26 Jun 2024 13:41
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020539

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 22:57:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	97370	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	488358	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	342506	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	769429	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	661939	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	797299	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	21710	8.054	ng/uL	0.00
4) Pyridine-d5	3.881	84	162312	19.917	ng/u1	0.00
7) Phenol-d5	7.212	99	205156	19.408	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	125950	19.114	ng/u1	0.00
11) 2-Chlorophenol-d4	7.594	132	138629	19.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	155474	19.026	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	74051	22.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	83020	24.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	163831	20.602	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	229626	19.072	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	508663	19.299	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	589462	20.407	ng/u1	0.00
54) 4-Nitrophenol-d4	14.880	143	85895	18.975	ng/u1	0.01
60) Fluorene-d10	15.690	176	457707	19.836	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	76456	23.238	ng/u1	0.00
73) Anthracene-d10	17.541	188	707279	20.138	ng/u1	0.00
81) Pyrene-d10	19.821	212	751657	20.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	771537	20.261	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	23108	6.898	ng/uL#	84
5) Pyridine	3.898	79	166437	18.999	ng/u1	98
6) Benzaldehyde	7.206	77	121150	23.291	ng/u1	97
8) Phenol	7.242	94	208253	18.722	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.488	93	156681	18.714	ng/u1#	92
12) 2-Chlorophenol	7.629	128	144877	19.908	ng/u1	93
13) 2-Methylphenol	8.499	108	148103	19.030	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	345324	20.189	ng/u1	98
16) Acetophenone	8.893	105	250489	18.616	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.875	70	133406	18.457	ng/u1#	97
18) 4-Methylphenol	8.828	108	163543	18.757	ng/u1	91
19) Hexachloroethane	9.157	117	58847	20.167	ng/u1	91
22) Nitrobenzene	9.280	77	200541	20.994	ng/u1	96
23) Isophorone	9.803	82	400245	18.219	ng/u1	100
25) 2-Nitrophenol	9.991	139	86690	24.685	ng/u1#	86
26) 2,4-Dimethylphenol	10.038	107	191607	19.508	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.285	93	234099	18.837	ng/u1	98
29) 2,4-Dichlorophenol	10.520	162	151373	20.776	ng/u1	99
30) Naphthalene	10.931	128	522442	19.119	ng/u1	99
32) 4-Chloroaniline	11.037	127	223014	18.677	ng/u1	94
33) Hexachlorobutadiene	11.207	225	106168	21.095	ng/u1	95
34) Caprolactam	11.801	113	51348m	17.044	ng/u1	
35) 4-Chloro-3-methylphenol	12.148	107	194265	19.067	ng/u1	98
36) 2-Methylnaphthalene	12.535	142	369567	19.167	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	390036	18.959	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.894	216	203757	21.020	ng/ul	93
40) Hexachlorocyclopentadiene	12.870	237	95097	16.489	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.129	196	132518	21.189	ng/ul	87
42) 2,4,5-Trichlorophenol	13.199	196	142228	20.865	ng/ul	87
43) 1,1'-Biphenyl	13.534	154	519706	20.947	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	401579	21.072	ng/ul	100
45) 2-Nitroaniline	13.775	65	156283	23.955	ng/ul	97
47) Dimethylphthalate	14.151	163	484365	18.506	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	104284	24.011	ng/ul#	95
50) Acenaphthylene	14.421	152	634839	19.689	ng/ul	97
51) 3-Nitroaniline	14.598	138	102154	22.968	ng/ul	98
52) Acenaphthene	14.762	153	436658	19.555	ng/ul	97
53) 2,4-Dinitrophenol	14.797	184	41346	18.733	ng/ul#	88
55) 4-Nitrophenol	14.891	109	85746	18.343	ng/ul	99
56) Dibenzofuran	15.097	168	619279	19.818	ng/ul	92
57) 2,4-Dinitrotoluene	15.056	165	150178	23.295	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.314	232	130509	19.526	ng/ul	96
59) Diethylphthalate	15.514	149	511381	18.971	ng/ul	97
61) Fluorene	15.743	166	504589	19.512	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.737	204	257457	20.055	ng/ul	92
63) 4-Nitroaniline	15.761	138	96480	20.476	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.814	198	80597	21.627	ng/ul	99
67) N-Nitrosodiphenylamine	15.949	169	425127	21.366	ng/ul	96
68) 4-Bromophenyl-phenylether	16.631	248	173983	21.961	ng/ul	97
69) Hexachlorobenzene	16.742	284	199193	20.719	ng/ul	97
70) Atrazine	16.895	200	159847	20.113	ng/ul	95
71) Pentachlorophenol	17.083	266	102855	17.563	ng/ul	96
72) Phenanthrene	17.482	178	790375	19.525	ng/ul	97
74) Anthracene	17.576	178	811944	19.615	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.499	216	201566	23.513	ng/ul	95
76) Pentachlorobenzene	15.009	250	232205	22.556	ng/ul	95
77) Carbazole	17.841	167	681740	19.397	ng/ul	98
78) Di-n-butylphthalate	18.405	149	866631	20.616	ng/ul	98
80) Fluoranthene	19.492	202	877001	20.442	ng/ul	96
82) Pyrene	19.850	202	914484	20.047	ng/ul	97
83) Butylbenzylphthalate	20.737	149	366414	22.061	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.601	252	339692	24.270	ng/ul	97
85) Benzo(a)anthracene	21.689	228	928234	19.977	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	536145	21.961	ng/ul	96
87) Chrysene	21.754	228	871063	19.812	ng/ul	98
89) Di-n-octyl phthalate	22.823	149	927140	22.047	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	953815	19.901	ng/ul	99
91) Benzo(k)fluoranthene	23.975	252	999636	20.280	ng/ul	98
93) Benzo(a)pyrene	24.780	252	934209	20.247	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.622	276	1140491m	19.835	ng/ul	
95) Dibenzo(a,h)anthracene	28.681	278	958805m	20.054	ng/ul	
96) Benzo(g,h,i)perylene	29.756	276	830096m	17.910	ng/ul	

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

