

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
 Data File : BG062523.D
 Acq On : 22 Aug 2024 1:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020468

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 22 02:06:13 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	7.940	152	85160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.730	136	395867	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.560	164	287452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	629295	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	600790	20.000	ng/u1	0.00
88) Perylene-d12	24.611	264	691603	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	16510	7.361	ng/uL	0.00
4) Pyridine-d5	3.810	84	127843	18.704	ng/u1	0.00
7) Phenol-d5	7.100	99	164382	19.403	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	95813	17.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.470	132	119686	20.682	ng/u1	0.00
15) 4-Methylphenol-d8	8.639	113	134729	18.973	ng/u1	0.00
21) Nitrobenzene-d5	9.091	128	60421	23.800	ng/u1	0.00
24) 2-Nitrophenol-d4	9.814	143	68161	26.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.348	165	134681	20.938	ng/u1	0.00
31) 4-Chloroaniline-d4	10.860	131	174964	17.152	ng/u1	0.00
46) Dimethylphthalate-d6	13.967	166	397370	17.772	ng/u1	0.00
49) Acenaphthylene-d8	14.249	160	462545	18.683	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	68318	19.153	ng/u1	0.00
60) Fluorene-d10	15.547	176	372771	18.485	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	67854	23.731	ng/u1	0.00
73) Anthracene-d10	17.398	188	558326	18.469	ng/u1	0.00
81) Pyrene-d10	19.677	212	656904	18.670	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.400	264	679024	18.500	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.440	88	20360	8.504	ng/uL	98
5) Pyridine	3.828	79	134024	18.636	ng/u1	86
6) Benzaldehyde	7.076	77	97850	22.280	ng/u1	92
8) Phenol	7.129	94	173177	19.481	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.358	93	120167	18.269	ng/u1	99
12) 2-Chlorophenol	7.505	128	124622	20.819	ng/u1	98
13) 2-Methylphenol	8.375	108	131334	19.633	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	254373	18.735	ng/u1#	97
16) Acetophenone	8.757	105	206409	17.744	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.745	70	109064	17.767	ng/u1	98
18) 4-Methylphenol	8.704	108	143977	18.791	ng/u1	99
19) Hexachloroethane	9.021	117	47549	19.963	ng/u1	95
22) Nitrobenzene	9.132	77	154981	21.612	ng/u1	98
23) Isophorone	9.655	82	296230	17.492	ng/u1	100
25) 2-Nitrophenol	9.843	139	73441	26.030	ng/u1	97
26) 2,4-Dimethylphenol	9.902	107	147556	19.178	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.137	93	173903	18.461	ng/u1	97
29) 2,4-Dichlorophenol	10.378	162	138155	20.915	ng/u1	99
30) Naphthalene	10.783	128	426216	18.564	ng/u1	99
32) 4-Chloroaniline	10.883	127	172319	17.376	ng/u1	97
33) Hexachlorobutadiene	11.071	225	96881	19.295	ng/u1	100
34) Caprolactam	11.641	113	51049m	19.161	ng/u1	
35) 4-Chloro-3-methylphenol	12.011	107	148011	19.150	ng/u1	98
36) 2-Methylnaphthalene	12.387	142	296575	18.291	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	303771	18.362	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	190172	19.811	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	98072	19.932	ng/ul	99
41) 2,4,6-Trichlorophenol	12.992	196	118310	21.426	ng/ul	97
42) 2,4,5-Trichlorophenol	13.062	196	129335	22.309	ng/ul	95
43) 1,1'-Biphenyl	13.391	154	417678	19.179	ng/ul	99
44) 2-Chloronaphthalene	13.438	162	326280	19.362	ng/ul	99
45) 2-Nitroaniline	13.632	65	104022	23.833	ng/ul	97
47) Dimethylphthalate	14.014	163	399188	17.610	ng/ul	99
48) 2,6-Dinitrotoluene	14.132	165	79513	24.559	ng/ul	87
50) Acenaphthylene	14.278	152	494227	18.645	ng/ul	97
51) 3-Nitroaniline	14.455	138	78047	21.158	ng/ul#	98
52) Acenaphthene	14.625	153	370929	18.699	ng/ul	99
53) 2,4-Dinitrophenol	14.660	184	45207	22.137	ng/ul	89
55) 4-Nitrophenol	14.766	109	58451	19.091	ng/ul	98
56) Dibenzofuran	14.954	168	522659	18.730	ng/ul	97
57) 2,4-Dinitrotoluene	14.913	165	117294	23.800	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.183	232	114364	20.518	ng/ul	99
59) Diethylphthalate	15.377	149	401840	17.762	ng/ul	98
61) Fluorene	15.606	166	395860	17.998	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.600	204	208599	18.456	ng/ul	98
63) 4-Nitroaniline	15.618	138	77371	20.066	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.677	198	74065	22.990	ng/ul	97
67) N-Nitrosodiphenylamine	15.812	169	353119	19.357	ng/ul	98
68) 4-Bromophenyl-phenylether	16.493	248	140052	19.831	ng/ul	95
69) Hexachlorobenzene	16.611	284	158863	19.307	ng/ul	93
70) Atrazine	16.757	200	140649	18.490	ng/ul	98
71) Pentachlorophenol	16.951	266	98984	20.615	ng/ul	99
72) Phenanthrene	17.339	178	648789	18.348	ng/ul	99
74) Anthracene	17.433	178	661788	18.270	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.362	216	192149	21.360	ng/ul	98
76) Pentachlorobenzene	14.878	250	192414	20.390	ng/ul	99
77) Carbazole	17.697	167	549853	18.071	ng/ul	99
78) Di-n-butylphthalate	18.261	149	661371	18.170	ng/ul	99
80) Fluoranthene	19.348	202	753552	19.171	ng/ul	99
82) Pyrene	19.712	202	800002	18.883	ng/ul	98
83) Butylbenzylphthalate	20.599	149	287309	20.133	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	268973	20.512	ng/ul#	98
85) Benzo(a)anthracene	21.516	228	813963	18.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	418240	20.059	ng/ul	100
87) Chrysene	21.580	228	772777	18.693	ng/ul	97
89) Di-n-octyl phthalate	22.602	149	717905	19.464	ng/ul	100
90) Benzo(b)fluoranthene	23.642	252	776671	18.590	ng/ul	100
91) Benzo(k)fluoranthene	23.707	252	781675	18.536	ng/ul	99
93) Benzo(a)pyrene	24.471	252	727565	18.472	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.089	276	932010	18.617	ng/ul	100
95) Dibenzo(a,h)anthracene	28.136	278	753172m	18.561	ng/ul	
96) Benzo(g,h,i)perylene	29.164	276	688191	17.875	ng/ul	97

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

