

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063553.D
 Acq On : 25 Nov 2024 17:11
 Operator : RC/JU
 Sample : PB165231BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS231

Quant Time: Nov 26 00:37:54 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 :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	93249	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	402531	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.468	164	311928	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	789786	20.000	ng/u1	0.00
79) Chrysene-d12	21.478	240	892484	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	939739	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	15076	6.381	ng/uL	0.00
4) Pyridine-d5	3.699	84	200224	27.038	ng/u1	0.00
7) Phenol-d5	7.006	99	264308	34.464	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	161500	32.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.365	132	181434	33.382	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	204898	31.972	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	95627	33.081	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	116754	32.695	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	222562	32.653	ng/u1	0.00
31) 4-Chloroaniline-d4	10.755	131	250067	29.006	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	713729	33.706	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	803982	33.294	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	108022	34.332	ng/u1	0.00
60) Fluorene-d10	15.467	176	652058	33.889	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	150261	33.841	ng/u1	0.00
73) Anthracene-d10	17.318	188	1133746	33.042	ng/u1	0.00
81) Pyrene-d10	19.621	212	1528024	34.156	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	1534551	33.667	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	28554	10.236	ng/uL#	81
5) Pyridine	3.716	79	204332	27.117	ng/u1	97
6) Benzaldehyde	6.971	77	105686	24.076	ng/u1	92
8) Phenol	7.030	94	275483	32.942	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.247	93	192121	31.828	ng/u1	92
12) 2-Chlorophenol	7.394	128	192996	33.268	ng/u1	98
13) 2-Methylphenol	8.276	108	198989	31.981	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	298156	33.718	ng/u1	95
16) Acetophenone	8.646	105	317216	31.334	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.634	70	185654	32.815	ng/u1	97
18) 4-Methylphenol	8.605	108	219603	32.178	ng/u1	97
19) Hexachloroethane	8.904	117	81665	32.595	ng/u1	98
22) Nitrobenzene	9.022	77	277583	31.302	ng/u1	97
23) Isophorone	9.545	82	502734	31.046	ng/u1	97
25) 2-Nitrophenol	9.733	139	117535	33.175	ng/u1	97
26) 2,4-Dimethylphenol	9.797	107	199093	26.069	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.026	93	276920	30.892	ng/u1	96
29) 2,4-Dichlorophenol	10.273	162	208836	31.360	ng/u1	98
30) Naphthalene	10.667	128	640728	31.139	ng/u1	97
32) 4-Chloroaniline	10.779	127	191512	23.247	ng/u1	100
33) Hexachlorobutadiene	10.955	225	175414	29.531	ng/u1	96
34) Caprolactam	11.525	113	70109m	31.237	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	222688	32.857	ng/u1	92
36) 2-Methylnaphthalene	12.283	142	462456	31.663	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063553.D
 Acq On : 25 Nov 2024 17:11
 Operator : RC/JU
 Sample : PB165231BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS231

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:37:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	460851	30.051	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.653	216	343984	31.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.629	237	109948	23.516	ng/ul	94
41) 2,4,6-Trichlorophenol	12.900	196	170984	28.428	ng/ul	98
42) 2,4,5-Trichlorophenol	12.976	196	188206	30.321	ng/ul	88
43) 1,1'-Biphenyl	13.293	154	660516	31.907	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	514502	31.629	ng/ul	97
45) 2-Nitroaniline	13.546	65	176212	34.370	ng/ul	100
47) Dimethylphthalate	13.922	163	669596	32.455	ng/ul	97
48) 2,6-Dinitrotoluene	14.045	165	139798	33.400	ng/ul#	82
50) Acenaphthylene	14.186	152	814893	33.569	ng/ul	99
51) 3-Nitroaniline	14.374	138	139541	36.400	ng/ul	98
52) Acenaphthene	14.533	153	555510	31.683	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	68703	31.969	ng/ul	96
55) 4-Nitrophenol	14.703	109	116887	31.967	ng/ul	95
56) Dibenzofuran	14.868	168	816169	32.445	ng/ul	100
57) 2,4-Dinitrotoluene	14.838	165	213493	33.332	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.103	232	159745	27.082	ng/ul	93
59) Diethylphthalate	15.291	149	681557	32.705	ng/ul	99
61) Fluorene	15.520	166	703648	32.861	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.514	204	411008	32.167	ng/ul	94
63) 4-Nitroaniline	15.544	138	153475	39.106	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.608	198	156191	32.920	ng/ul#	99
67) N-Nitrosodiphenylamine	15.726	169	593009	31.625	ng/ul	94
68) 4-Bromophenyl-phenylether	16.407	248	278488	31.470	ng/ul	94
69) Hexachlorobenzene	16.531	284	289365	31.188	ng/ul	92
70) Atrazine	16.677	200	113093	12.484	ng/ul	97
71) Pentachlorophenol	16.883	266	108288	24.958	ng/ul	99
72) Phenanthrene	17.265	178	1216784	32.319	ng/ul	99
74) Anthracene	17.353	178	1226051	31.891	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	339848	29.573	ng/ul	94
76) Pentachlorobenzene	14.791	250	335216	29.539	ng/ul	97
77) Carbazole	17.629	167	1083591	33.971	ng/ul	100
78) Di-n-butylphthalate	18.188	149	1256291	34.355	ng/ul	100
80) Fluoranthene	19.286	202	1642666	33.208	ng/ul	99
82) Pyrene	19.651	202	1727514	32.590	ng/ul	98
83) Butylbenzylphthalate	20.549	149	587552	34.157	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.384	252	641646	33.468	ng/ul	97
85) Benzo(a)anthracene	21.460	228	1878101	32.544	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.378	149	844355	33.771	ng/ul	96
87) Chrysene	21.525	228	1773632	32.869	ng/ul	98
89) Di-n-octyl phthalate	22.524	149	1489325	35.719	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1882936	33.373	ng/ul	99
91) Benzo(k)fluoranthene	23.622	252	1894306	33.459	ng/ul	97
93) Benzo(a)pyrene	24.374	252	1686719	31.942	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.947	276	2154676	32.897	ng/ul	99
95) Dibenzo(a,h)anthracene	28.000	278	1774302	33.136	ng/ul	98
96) Benzo(g,h,i)perylene	29.016	276	1629359	32.809	ng/ul	97

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

