

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052851.D
 Acq On : 26 Mar 2022 5:41
 Operator : CG/JU
 Sample : PB143561BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS561

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 26 07:14:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	33018	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	147913	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	118785	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.507	188	286988	20.000	ng/u1	0.00
79) Chrysene-d12	21.795	240	293316	20.000	ng/u1	0.00
88) Perylene-d12	25.114	264	300995	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.555	96	4919	5.262	ng/uL	0.00
4) Pyridine-d5	3.966	84	69009	29.572	ng/u1	0.00
7) Phenol-d5	7.285	99	103625	35.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.455	67	61874	34.257	ng/u1	0.00
11) 2-Chlorophenol-d4	7.667	132	67145	33.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.836	113	78145	36.479	ng/u1	0.00
21) Nitrobenzene-d5	9.300	128	36371	34.160	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	45592	40.597	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	85629	35.049	ng/u1	0.00
31) 4-Chloroaniline-d4	11.080	131	106362	32.939	ng/u1	0.00
46) Dimethylphthalate-d6	14.158	166	302688	33.169	ng/u1	0.00
49) Acenaphthylene-d8	14.458	160	350211	31.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	55118	35.924	ng/u1	0.00
60) Fluorene-d10	15.750	176	261182	32.596	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	56120	38.426	ng/u1	0.00
73) Anthracene-d10	17.606	188	421374	31.531	ng/u1	0.00
81) Pyrene-d10	19.886	212	531988	32.421	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.885	264	525579	33.794	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.590	88	10769	9.403	ng/uL	86
5) Pyridine	3.990	79	77123	30.586	ng/u1	95
6) Benzaldehyde	7.273	77	67298	34.231	ng/u1	95
8) Phenol	7.314	94	102649	36.015	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.549	93	70193	32.646	ng/u1	98
12) 2-Chlorophenol	7.702	128	68539	33.407	ng/u1	93
13) 2-Methylphenol	8.572	108	79919	36.078	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.666	45	116797	33.419	ng/u1	98
16) Acetophenone	8.959	105	121717	36.421	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.948	70	73245	37.595	ng/u1	98
18) 4-Methylphenol	8.901	108	86264	37.378	ng/u1	92
19) Hexachloroethane	9.235	117	28108	30.878	ng/u1	96
22) Nitrobenzene	9.347	77	107793	34.648	ng/u1	98
23) Isophorone	9.870	82	206745	34.767	ng/u1	98
25) 2-Nitrophenol	10.058	139	44050	37.825	ng/u1#	91
26) 2,4-Dimethylphenol	10.111	107	96841	33.560	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.346	93	109023	32.968	ng/u1	99
29) 2,4-Dichlorophenol	10.592	162	79387	33.421	ng/u1	99
30) Naphthalene	11.004	128	239959	31.349	ng/u1	98
32) 4-Chloroaniline	11.103	127	103671	32.674	ng/u1	96
33) Hexachlorobutadiene	11.297	225	58448	30.128	ng/u1	92
34) Caprolactam	11.861	113	30613m	42.790	ng/u1	
35) 4-Chloro-3-methylphenol	12.214	107	99623	38.663	ng/u1	94
36) 2-Methylnaphthalene	12.601	142	182276	33.743	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052851.D
 Acq On : 26 Mar 2022 5:41
 Operator : CG/JU
 Sample : PB143561BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS561

Quant Time: Mar 26 07:14:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.819	142	181251	33.143	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.966	216	119221	30.365	ng/ul	99
40) Hexachlorocyclopentadiene	12.948	237	71824	26.424	ng/ul	97
41) 2,4,6-Trichlorophenol	13.195	196	80621	33.604	ng/ul	97
42) 2,4,5-Trichlorophenol	13.271	196	88645	34.214	ng/ul	97
43) 1,1'-Biphenyl	13.600	154	257396	30.324	ng/ul	99
44) 2-Chloronaphthalene	13.641	162	205101	30.175	ng/ul	97
45) 2-Nitroaniline	13.835	65	77551	38.924	ng/ul	98
47) Dimethylphthalate	14.205	163	286381	32.885	ng/ul	98
48) 2,6-Dinitrotoluene	14.323	165	62592	39.677	ng/ul	97
50) Acenaphthylene	14.487	152	336737	31.443	ng/ul	99
51) 3-Nitroaniline	14.652	138	59131	37.135	ng/ul#	95
52) Acenaphthene	14.828	153	223852	31.995	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	35696	36.423	ng/ul#	63
55) 4-Nitrophenol	14.951	109	61408	38.030	ng/ul	96
56) Dibenzofuran	15.157	168	339146	32.697	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	85367	38.139	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.380	232	87733	37.567	ng/ul#	99
59) Diethylphthalate	15.568	149	300356	34.055	ng/ul	99
61) Fluorene	15.809	166	278147	32.352	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.797	204	150242	32.840	ng/ul	97
63) 4-Nitroaniline	15.815	138	59684	38.115	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.873	198	54319	38.013	ng/ul#	91
67) N-Nitrosodiphenylamine	16.009	169	250728	32.313	ng/ul	95
68) 4-Bromophenyl-phenylether	16.690	248	107620	37.873	ng/ul	94
69) Hexachlorobenzene	16.819	284	123777	33.721	ng/ul	94
70) Atrazine	16.948	200	108801	34.214	ng/ul	98
71) Pentachlorophenol	17.154	266	74428	33.344	ng/ul	93
72) Phenanthrene	17.548	178	495383	32.889	ng/ul	97
74) Anthracene	17.642	178	481889	32.001	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.571	216	129129	30.211	ng/ul	97
76) Pentachlorobenzene	15.086	250	137292	33.479	ng/ul	96
77) Carbazole	17.900	167	446590	33.557	ng/ul	97
78) Di-n-butylphthalate	18.458	149	511664	32.332	ng/ul	99
80) Fluoranthene	19.551	202	637250	32.956	ng/ul	99
82) Pyrene	19.915	202	618500	32.181	ng/ul	98
83) Butylbenzylphthalate	20.796	149	231910	34.705	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.683	252	208091	31.653	ng/ul	94
85) Benzo(a)anthracene	21.777	228	615146	32.494	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.677	149	315589	34.098	ng/ul	100
87) Chrysene	21.842	228	587962	32.562	ng/ul	99
89) Di-n-octyl phthalate	22.923	149	541384	34.532	ng/ul	100
90) Benzo(b)fluoranthene	24.057	252	651736	33.533	ng/ul	99
91) Benzo(k)fluoranthene	24.127	252	590396	32.914	ng/ul	98
93) Benzo(a)pyrene	24.955	252	602327	32.825	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.903	276	704293	33.938	ng/ul	97
95) Dibenzo(a,h)anthracene	28.973	278	589971	33.448	ng/ul	99
96) Benzo(g,h,i)perylene	30.090	276	587022	33.462	ng/ul	99

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

