

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052159.D
 Acq On : 26 Jan 2022 21:18
 Operator : CG/JU
 Sample : PB142271BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS271

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
 Supervised By :Yogesh Patel 01/28/2022

Quant Time: Jan 27 00:02:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 26 23:58:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	25381	20.000	ng/u1	0.00
20) Naphthalene-d8	11.077	136	110668	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.884	164	83615	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.633	188	202012	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.951	240	191969	20.000	ng/u1	# 0.00
88) Perylene-d12	25.429	264	193779	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4224	5.947	ng/uL	0.00
4) Pyridine-d5	3.993	84	60061	27.201	ng/u1	0.00
7) Phenol-d5	7.382	99	78509	31.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	46880	29.729	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	54358	33.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	64412	33.356	ng/u1	0.00
21) Nitrobenzene-d5	9.409	128	30071	34.388	ng/u1	0.00
24) 2-Nitrophenol-d4	10.143	143	33251	34.381	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	68222	36.089	ng/u1	0.00
31) 4-Chloroaniline-d4	11.207	131	78101	29.666	ng/u1	0.00
46) Dimethylphthalate-d6	14.273	166	236715	34.250	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	283605	33.970	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	38327	33.168	ng/u1	0.00
60) Fluorene-d10	15.871	176	208094	34.533	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	39739	31.183	ng/u1	0.00
73) Anthracene-d10	17.733	188	337470	35.216	ng/u1	0.00
81) Pyrene-d10	20.007	212	412756	37.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.194	264	389859	38.216	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	9169m	11.188	ng/uL	
5) Pyridine	4.011	79	62905	27.193	ng/u1	96
6) Benzaldehyde	7.359	77	46319m	28.030	ng/u1	
8) Phenol	7.412	94	81306	32.067	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.641	93	56891	30.652	ng/u1	99
12) 2-Chlorophenol	7.800	128	57863	34.583	ng/u1	98
13) 2-Methylphenol	8.681	108	61120	33.149	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.763	45	84637	29.897	ng/u1#	95
16) Acetophenone	9.063	105	96589	31.692	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.045	70	58547	31.444	ng/u1	96
18) 4-Methylphenol	9.010	108	68184	34.139	ng/u1	91
19) Hexachloroethane	9.339	117	23635	32.719	ng/u1#	86
22) Nitrobenzene	9.456	77	82002	30.233	ng/u1	98
23) Isophorone	9.979	82	163141	31.814	ng/u1	96
25) 2-Nitrophenol	10.173	139	35511	33.409	ng/u1	98
26) 2,4-Dimethylphenol	10.232	107	77156	33.454	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.461	93	85149	32.251	ng/u1	100
29) 2,4-Dichlorophenol	10.719	162	64848	34.929	ng/u1	96
30) Naphthalene	11.130	128	196132	32.705	ng/u1	99
32) 4-Chloroaniline	11.224	127	77170	28.763	ng/u1	100
33) Hexachlorobutadiene	11.418	225	48644	32.870	ng/u1	95
34) Caprolactam	11.982	113	25623m	35.461	ng/u1	
35) 4-Chloro-3-methylphenol	12.340	107	77966	36.372	ng/u1	92
36) 2-Methylnaphthalene	12.722	142	146310	34.251	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.940	142	152220	34.722	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.087	216	97166	33.604	ng/ul	98
40) Hexachlorocyclopentadiene	13.069	237	44583	22.471	ng/ul	96
41) 2,4,6-Trichlorophenol	13.321	196	64282	35.174	ng/ul	97
42) 2,4,5-Trichlorophenol	13.398	196	68540	34.790	ng/ul	94
43) 1,1'-Biphenyl	13.715	154	218441	33.840	ng/ul#	93
44) 2-Chloronaphthalene	13.762	162	165955	33.197	ng/ul	99
45) 2-Nitroaniline	13.956	65	62285	32.509	ng/ul	94
47) Dimethylphthalate	14.320	163	226923	33.298	ng/ul	99
48) 2,6-Dinitrotoluene	14.444	165	50017	34.809	ng/ul	91
50) Acenaphthylene	14.608	152	279796	34.034	ng/ul	97
51) 3-Nitroaniline	14.778	138	44669	34.367	ng/ul	91
52) Acenaphthene	14.949	153	184220	33.702	ng/ul	95
53) 2,4-Dinitrophenol	14.984	184	22052	26.030	ng/ul	95
55) 4-Nitrophenol	15.084	109	41241	31.101	ng/ul	83
56) Dibenzofuran	15.278	168	270410	34.062	ng/ul	99
57) 2,4-Dinitrotoluene	15.231	165	74742	35.978	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.507	232	66086	36.165	ng/ul#	84
59) Diethylphthalate	15.677	149	235398	33.480	ng/ul	97
61) Fluorene	15.930	166	225000	34.012	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.912	204	125215	34.109	ng/ul	93
63) 4-Nitroaniline	15.936	138	48845	36.576	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.000	198	38307	31.441	ng/ul#	94
67) N-Nitrosodiphenylamine	16.124	169	199513	36.755	ng/ul	97
68) 4-Bromophenyl-phenylether	16.811	248	88875	37.581	ng/ul#	85
69) Hexachlorobenzene	16.940	284	99865	38.075	ng/ul#	89
70) Atrazine	17.063	200	85682	34.023	ng/ul	95
71) Pentachlorophenol	17.281	266	49650	33.896	ng/ul	95
72) Phenanthrene	17.674	178	380674	35.963	ng/ul	99
74) Anthracene	17.768	178	371781	35.087	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.692	216	102143	33.667	ng/uL	95
76) Pentachlorobenzene	15.201	250	107844	36.522	ng/uL	99
77) Carbazole	18.033	167	342031	35.824	ng/ul	98
78) Di-n-butylphthalate	18.573	149	399722	35.418	ng/ul	99
80) Fluoranthene	19.678	202	488484	38.260	ng/ul#	90
82) Pyrene	20.036	202	473332	37.654	ng/ul#	89
83) Butylbenzylphthalate	20.905	149	173002	39.546	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.828	252	155054	34.990	ng/ul#	97
85) Benzo(a)anthracene	21.927	228	470105	37.237	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.810	149	246026	38.455	ng/ul#	97
87) Chrysene	21.998	228	447614	36.820	ng/ul	98
89) Di-n-octyl phthalate	23.108	149	405847	37.914	ng/ul	100
90) Benzo(b)fluoranthene	24.318	252	503067	39.173	ng/ul#	96
91) Benzo(k)fluoranthene	24.389	252	460511	38.784	ng/ul#	95
93) Benzo(a)pyrene	25.264	252	464111	38.187	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.447	276	546948	39.314	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.511	278	461137	39.187	ng/ul#	93
96) Benzo(g,h,i)perylene	30.692	276	454275	38.835	ng/ul#	90

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

