

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011022\
 Data File : BG051934.D
 Acq On : 10 Jan 2022 17:32
 Operator : CG/JU
 Sample : PB141942BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS942

Quant Time: Jan 11 00:05:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	19349	20.000	ng/u1	0.00
20) Naphthalene-d8	11.081	136	86808	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.888	164	70111	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.637	188	200959	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.960	240	207728	20.000	ng/u1	# 0.00
88) Perylene-d12	25.444	264	214775	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.568	96	3201	5.911	ng/uL	0.00
4) Pyridine-d5	3.997	84	50114	29.772	ng/u1	0.00
7) Phenol-d5	7.380	99	61815	32.642	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.551	67	36718	30.543	ng/u1	0.00
11) 2-Chlorophenol-d4	7.774	132	40396	32.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.949	113	47607	32.339	ng/u1	0.00
21) Nitrobenzene-d5	9.413	128	21668	31.589	ng/u1	0.00
24) 2-Nitrophenol-d4	10.147	143	23309	30.725	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.693	165	46982	31.684	ng/u1	0.00
31) 4-Chloroaniline-d4	11.204	131	58384	28.273	ng/u1	0.00
46) Dimethylphthalate-d6	14.277	166	192966	33.297	ng/u1	0.00
49) Acenaphthylene-d8	14.582	160	220520	31.501	ng/u1	0.00
54) 4-Nitrophenol-d4	15.064	143	35000	36.123	ng/u1	0.00
60) Fluorene-d10	15.880	176	168454	33.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.986	200	36731	28.973	ng/u1	0.00
73) Anthracene-d10	17.737	188	315534	33.099	ng/u1	0.00
81) Pyrene-d10	20.016	212	413223	34.564	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.203	264	385859	34.127	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.603	88	7030	11.252	ng/uL	98
5) Pyridine	4.014	79	51678	29.304	ng/u1	98
6) Benzaldehyde	7.363	77	36891	29.285	ng/u1	92
8) Phenol	7.410	94	60940	31.527	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.645	93	42547	30.070	ng/u1	94
12) 2-Chlorophenol	7.803	128	40668	31.884	ng/u1	93
13) 2-Methylphenol	8.678	108	43716	31.101	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.772	45	67275	31.172	ng/u1	97
16) Acetophenone	9.072	105	72425	31.172	ng/u1#	92
17) N-Nitroso-di-n-propyla...	9.048	70	43466	30.622	ng/u1#	90
18) 4-Methylphenol	9.013	108	48483	31.843	ng/u1	85
19) Hexachloroethane	9.348	117	15879	28.835	ng/u1#	80
22) Nitrobenzene	9.460	77	64598	30.362	ng/u1#	96
23) Isophorone	9.988	82	120973	30.075	ng/u1	98
25) 2-Nitrophenol	10.176	139	25008	29.995	ng/u1	92
26) 2,4-Dimethylphenol	10.229	107	55606	30.737	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.464	93	61187	29.545	ng/u1	99
29) 2,4-Dichlorophenol	10.723	162	44254	30.388	ng/u1	95
30) Naphthalene	11.134	128	143195	30.441	ng/u1	97
32) 4-Chloroaniline	11.234	127	58947	28.010	ng/u1	99
33) Hexachlorobutadiene	11.422	225	33873	29.180	ng/u1	96
34) Caprolactam	11.980	113	22030m	38.868	ng/u1	
35) 4-Chloro-3-methylphenol	12.344	107	57520	34.209	ng/u1	92
36) 2-Methylnaphthalene	12.726	142	103196	30.798	ng/u1	100

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37) 1-Methylnaphthalene	12.949	142	110427	32.112	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	13.096	216	66213	27.310	ng/ul	95
40) Hexachlorocyclopentadiene	13.072	237	38434	23.102	ng/ul	95
41) 2,4,6-Trichlorophenol	13.325	196	45698	29.821	ng/ul	94
42) 2,4,5-Trichlorophenol	13.396	196	50681	30.680	ng/ul	93
43) 1,1'-Biphenyl	13.725	154	158409	29.267	ng/ul	92
44) 2-Chloronaphthalene	13.772	162	120494	28.745	ng/ul	99
45) 2-Nitroaniline	13.960	65	54493	33.921	ng/ul	98
47) Dimethylphthalate	14.324	163	184487	32.285	ng/ul	99
48) 2,6-Dinitrotoluene	14.447	165	40201	33.367	ng/ul	94
50) Acenaphthylene	14.612	152	208422	30.235	ng/ul	98
51) 3-Nitroaniline	14.782	138	36013	33.044	ng/ul	95
52) Acenaphthene	14.952	153	140096	30.566	ng/ul	95
53) 2,4-Dinitrophenol	14.982	184	18034	25.388	ng/ul	96
55) 4-Nitrophenol	15.082	109	38914	34.999	ng/ul#	86
56) Dibenzofuran	15.287	168	207257	31.136	ng/ul	99
57) 2,4-Dinitrotoluene	15.234	165	62198	35.707	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.504	232	52283	34.122	ng/ul	93
59) Diethylphthalate	15.687	149	196979	33.412	ng/ul	97
61) Fluorene	15.933	166	179486	32.358	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.922	204	96900	31.480	ng/ul	89
63) 4-Nitroaniline	15.939	138	42290	37.767	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.998	198	34714	28.641	ng/ul#	95
67) N-Nitrosodiphenylamine	16.127	169	166376	30.811	ng/ul	94
68) 4-Bromophenyl-phenylether	16.814	248	71750	30.498	ng/ul#	86
69) Hexachlorobenzene	16.944	284	80153	30.719	ng/ul	93
70) Atrazine	17.073	200	80088	31.968	ng/ul	98
71) Pentachlorophenol	17.284	266	43047	29.542	ng/ul	98
72) Phenanthrene	17.678	178	334204	31.738	ng/ul	96
74) Anthracene	17.772	178	333500	31.639	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.695	216	71228	23.600	ng/uL	93
76) Pentachlorobenzene	15.211	250	79360	27.016	ng/uL	99
77) Carbazole	18.036	167	315574	33.226	ng/ul	98
78) Di-n-butylphthalate	18.583	149	367514	32.734	ng/ul	100
80) Fluoranthene	19.681	202	459736	33.277	ng/ul#	91
82) Pyrene	20.045	202	447367	32.889	ng/ul#	89
83) Butylbenzylphthalate	20.915	149	160473	33.899	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.837	252	135397	28.236	ng/ul#	97
85) Benzo(a)anthracene	21.937	228	445548	32.614	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.819	149	224311	32.401	ng/ul#	99
87) Chrysene	22.007	228	424888	32.299	ng/ul	99
89) Di-n-octyl phthalate	23.124	149	383751	32.345	ng/ul	100
90) Benzo(b)fluoranthene	24.328	252	468235	32.897	ng/ul#	97
91) Benzo(k)fluoranthene	24.398	252	441278	33.531	ng/ul#	96
93) Benzo(a)pyrene	25.279	252	446520	33.148	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.456	276	515958	33.461	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.533	278	432200	33.138	ng/ul#	93
96) Benzo(g,h,i)perylene	30.713	276	437127	33.716	ng/ul#	92

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

