

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052958.D
 Acq On : 30 Mar 2022 20:39
 Operator : CG/JU
 Sample : PB143704BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS704

Quant Time: Mar 31 00:54:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 00:50:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	25294	20.000	ng/u1	0.00
20) Naphthalene-d8	10.948	136	112966	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.754	164	92291	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	235175	20.000	ng/u1	0.00
79) Chrysene-d12	21.780	240	240094	20.000	ng/u1	# 0.00
88) Perylene-d12	25.087	264	256529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	4135	5.774	ng/uL	0.00
4) Pyridine-d5	3.963	84	52953	29.621	ng/u1	0.00
7) Phenol-d5	7.276	99	71402	31.517	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	47433	34.281	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	49113	31.927	ng/u1	0.00
15) 4-Methylphenol-d8	8.833	113	56982	34.722	ng/u1	0.00
21) Nitrobenzene-d5	9.291	128	27572	33.907	ng/u1	0.00
24) 2-Nitrophenol-d4	10.019	143	31572	36.810	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	60738	32.551	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	70800	28.709	ng/u1	0.00
46) Dimethylphthalate-d6	14.149	166	234745	33.108	ng/u1	0.00
49) Acenaphthylene-d8	14.449	160	257417	29.878	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	43421m	36.424	ng/u1	0.00
60) Fluorene-d10	15.741	176	200877	32.267	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.847	200	44585	37.253	ng/u1	0.00
73) Anthracene-d10	17.597	188	342248m	31.252	ng/u1	0.00
81) Pyrene-d10	19.877	212	433108	32.246	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.864	264	436524	32.933	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.581	88	8728	9.948	ng/uL#	92
5) Pyridine	3.981	79	60671	31.409	ng/u1	92
6) Benzaldehyde	7.264	77	46867	31.119	ng/u1	90
8) Phenol	7.305	94	78178	35.805	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.540	93	56725	34.438	ng/u1	98
12) 2-Chlorophenol	7.693	128	55403	35.251	ng/u1	93
13) 2-Methylphenol	8.563	108	60620	35.723	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.657	45	95357	35.616	ng/u1	99
16) Acetophenone	8.950	105	94078	36.747	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.933	70	55372	37.100	ng/u1	96
18) 4-Methylphenol	8.892	108	66035	37.350	ng/u1	97
19) Hexachloroethane	9.232	117	23140	33.183	ng/u1	97
22) Nitrobenzene	9.332	77	83487	35.137	ng/u1	94
23) Isophorone	9.861	82	157635	34.709	ng/u1	97
25) 2-Nitrophenol	10.049	139	32379	36.405	ng/u1#	88
26) 2,4-Dimethylphenol	10.102	107	73824	33.498	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.337	93	83862	33.205	ng/u1	98
29) 2,4-Dichlorophenol	10.583	162	61969	34.158	ng/u1	99
30) Naphthalene	10.995	128	189364	32.392	ng/u1	98
32) 4-Chloroaniline	11.094	127	64703	26.701	ng/u1	97
33) Hexachlorobutadiene	11.288	225	48102	32.466	ng/u1	98
34) Caprolactam	11.841	113	23513m	43.034	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	75494	38.362	ng/u1	94
36) 2-Methylnaphthalene	12.592	142	140404	34.032	ng/u1	100

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37) 1-Methylnaphthalene	12.810	142	141933	33.982	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.957	216	94521	30.985	ng/ul	95
40) Hexachlorocyclopentadiene	12.939	237	56263	26.641	ng/ul	97
41) 2,4,6-Trichlorophenol	13.186	196	59787	32.074	ng/ul	96
42) 2,4,5-Trichlorophenol	13.256	196	67792	33.677	ng/ul	99
43) 1,1'-Biphenyl	13.591	154	201732	30.588	ng/ul	98
44) 2-Chloronaphthalene	13.632	162	161156	30.517	ng/ul	96
45) 2-Nitroaniline	13.820	65	61970	40.032	ng/ul	91
47) Dimethylphthalate	14.196	163	228469	33.766	ng/ul	98
48) 2,6-Dinitrotoluene	14.314	165	47860	39.047	ng/ul	92
50) Acenaphthylene	14.478	152	269699	32.412	ng/ul	98
51) 3-Nitroaniline	14.643	138	44173	35.705	ng/ul	97
52) Acenaphthene	14.819	153	178584	32.853	ng/ul	97
53) 2,4-Dinitrophenol	14.848	184	30392	39.913	ng/ul#	63
55) 4-Nitrophenol	14.942	109	51183	40.797	ng/ul	90
56) Dibenzofuran	15.148	168	273245	33.906	ng/ul	97
57) 2,4-Dinitrotoluene	15.101	165	71311	41.005	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.371	232	68503	37.753	ng/ul#	98
59) Diethylphthalate	15.559	149	249321	36.383	ng/ul	98
61) Fluorene	15.800	166	221821	33.207	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.788	204	123134	34.642	ng/ul	97
63) 4-Nitroaniline	15.806	138	49229m	40.463	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.864	198	44218	37.761	ng/ul	94
67) N-Nitrosodiphenylamine	16.000	169	204326	32.134	ng/ul	96
68) 4-Bromophenyl-phenylether	16.681	248	89778	38.555	ng/ul	97
69) Hexachlorobenzene	16.810	284	103175	34.301	ng/ul	97
70) Atrazine	16.939	200	70183	26.932	ng/ul	98
71) Pentachlorophenol	17.145	266	61750m	33.759	ng/ul	
72) Phenanthrene	17.539	178	411977	33.378	ng/ul	99
74) Anthracene	17.633	178	403914	32.732	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.556	216	102061	29.139	ng/uL	96
76) Pentachlorobenzene	15.071	250	106731	31.761	ng/uL	99
77) Carbazole	17.891	167	371990	34.110	ng/ul	98
78) Di-n-butylphthalate	18.449	149	443844	34.225	ng/ul	99
80) Fluoranthene	19.542	202	545144	34.442	ng/ul	98
82) Pyrene	19.906	202	520797	33.104	ng/ul	96
83) Butylbenzylphthalate	20.781	149	190723	34.869	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.668	252	168975	31.401	ng/ul	94
85) Benzo(a)anthracene	21.762	228	519097	33.499	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.663	149	268460	35.436	ng/ul	98
87) Chrysene	21.827	228	490830	33.208	ng/ul	99
89) Di-n-octyl phthalate	22.902	149	458407	34.308	ng/ul	100
90) Benzo(b)fluoranthene	24.036	252	557651	33.665	ng/ul	99
91) Benzo(k)fluoranthene	24.106	252	511350	33.449	ng/ul	97
93) Benzo(a)pyrene	24.935	252	523570	33.478	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.865	276	622425	35.192	ng/ul	97
95) Dibenzo(a,h)anthracene	28.935	278	515726	34.307	ng/ul	99
96) Benzo(g,h,i)perylene	30.051	276	523011	34.981	ng/ul	99

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

