

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052745.D
 Acq On : 19 Mar 2022 14:27
 Operator : CG/JU
 Sample : PB143360BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS360

Quant Time: Mar 21 00:50:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 00:55:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	46869	20.000	ng/u1	0.00
20) Naphthalene-d8	10.961	136	192937	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.768	164	138450	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.511	188	330076	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.800	240	336210	20.000	ng/u1	0.00
88) Perylene-d12	25.124	264	357674	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	7040	5.306	ng/uL	0.00
4) Pyridine-d5	3.977	84	98570	29.757	ng/u1	0.00
7) Phenol-d5	7.290	99	128658	30.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.466	67	79116	30.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.677	132	89150	31.277	ng/u1	0.00
15) 4-Methylphenol-d8	8.841	113	96974	31.890	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	44992	32.395	ng/u1	0.00
24) 2-Nitrophenol-d4	10.033	143	49737	33.953	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.574	165	99108	31.099	ng/u1	0.00
31) 4-Chloroaniline-d4	11.085	131	117028	27.785	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	322320	30.304	ng/u1	0.00
49) Acenaphthylene-d8	14.462	160	386289	29.888	ng/u1	0.00
54) 4-Nitrophenol-d4	14.938	143	57751	32.294	ng/u1	0.00
60) Fluorene-d10	15.755	176	281344	30.125	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.866	200	54998	32.742	ng/u1	0.00
73) Anthracene-d10	17.611	188	457944	29.794	ng/u1	0.00
81) Pyrene-d10	19.890	212	586317	31.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.889	264	567645	30.715	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.595	88	15528	9.551	ng/uL	93
5) Pyridine	4.000	79	104002	29.057	ng/u1	90
6) Benzaldehyde	7.278	77	86912	31.143	ng/u1	98
8) Phenol	7.319	94	120292	29.732	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.560	93	90939	29.795	ng/u1	98
12) 2-Chlorophenol	7.707	128	86853	29.823	ng/u1	95
13) 2-Methylphenol	8.576	108	94338	30.002	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.670	45	152762	30.792	ng/u1	96
16) Acetophenone	8.970	105	140071	29.526	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.958	70	84010	30.377	ng/u1	95
18) 4-Methylphenol	8.911	108	100150	30.571	ng/u1	96
19) Hexachloroethane	9.246	117	38925	30.124	ng/u1	99
22) Nitrobenzene	9.352	77	123069	30.327	ng/u1#	90
23) Isophorone	9.880	82	232310	29.949	ng/u1	96
25) 2-Nitrophenol	10.062	139	48950	32.224	ng/u1#	94
26) 2,4-Dimethylphenol	10.115	107	110492	29.355	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.356	93	126983	29.438	ng/u1	99
29) 2,4-Dichlorophenol	10.603	162	90499	29.208	ng/u1	99
30) Naphthalene	11.014	128	286734	28.718	ng/u1	98
32) 4-Chloroaniline	11.108	127	111518	26.945	ng/u1	95
33) Hexachlorobutadiene	11.308	225	73726	29.135	ng/u1	98
34) Caprolactam	11.878	113	31760m	34.034	ng/u1	
35) 4-Chloro-3-methylphenol	12.218	107	105955	31.524	ng/u1	95
36) 2-Methylnaphthalene	12.606	142	205090	29.106	ng/u1	99

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37) 1-Methylnaphthalene	12.823	142	206993	29.017	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.976	216	130172	28.445	ng/ul	99
40) Hexachlorocyclopentadiene	12.959	237	88870	28.052	ng/ul	97
41) 2,4,6-Trichlorophenol	13.205	196	85316	30.510	ng/ul	99
42) 2,4,5-Trichlorophenol	13.276	196	90666	30.024	ng/ul	98
43) 1,1'-Biphenyl	13.605	154	282972	28.602	ng/ul	100
44) 2-Chloronaphthalene	13.652	162	224249	28.306	ng/ul	97
45) 2-Nitroaniline	13.840	65	77543	33.392	ng/ul	95
47) Dimethylphthalate	14.216	163	296151	29.177	ng/ul	98
48) 2,6-Dinitrotoluene	14.333	165	60520	32.914	ng/ul	97
50) Acenaphthylene	14.492	152	357094	28.607	ng/ul	99
51) 3-Nitroaniline	14.656	138	57246	30.845	ng/ul	95
52) Acenaphthene	14.832	153	234378	28.742	ng/ul	99
53) 2,4-Dinitrophenol	14.856	184	36277	31.758	ng/ul	84
55) 4-Nitrophenol	14.950	109	60093	31.929	ng/ul	98
56) Dibenzofuran	15.167	168	350871	29.023	ng/ul	98
57) 2,4-Dinitrotoluene	15.114	165	85818	32.895	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.385	232	86586	31.810	ng/ul#	93
59) Diethylphthalate	15.579	149	312271	30.377	ng/ul	99
61) Fluorene	15.814	166	288234	28.763	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.802	204	157464	29.530	ng/ul	98
63) 4-Nitroaniline	15.819	138	60735	33.277	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.878	198	52062	31.677	ng/ul	100
67) N-Nitrosodiphenylamine	16.013	169	257082	28.806	ng/ul	97
68) 4-Bromophenyl-phenylether	16.695	248	102897	31.484	ng/ul	98
69) Hexachlorobenzene	16.818	284	123465	29.245	ng/ul#	91
70) Atrazine	16.959	200	114229	31.232	ng/ul	98
71) Pentachlorophenol	17.159	266	79762	31.069	ng/ul	98
72) Phenanthrene	17.552	178	506492	29.237	ng/ul	98
74) Anthracene	17.646	178	498120	28.761	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	140036	28.486	ng/uL	98
76) Pentachlorobenzene	15.091	250	144651	30.669	ng/uL	99
77) Carbazole	17.905	167	466646	30.487	ng/ul	98
78) Di-n-butylphthalate	18.469	149	559121	30.718	ng/ul	99
80) Fluoranthene	19.555	202	672052	30.321	ng/ul	99
82) Pyrene	19.920	202	660025	29.960	ng/ul	98
83) Butylbenzylphthalate	20.801	149	248359	32.425	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.688	252	221459	29.389	ng/ul	95
85) Benzo(a)anthracene	21.782	228	647435	29.837	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.682	149	339335	31.986	ng/ul	99
87) Chrysene	21.847	228	611437	29.542	ng/ul	99
89) Di-n-octyl phthalate	22.933	149	577699	31.009	ng/ul	100
90) Benzo(b)fluoranthene	24.067	252	679910	29.439	ng/ul	98
91) Benzo(k)fluoranthene	24.132	252	629529	29.534	ng/ul	99
93) Benzo(a)pyrene	24.966	252	635738	29.155	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.913	276	741201	30.056	ng/ul	99
95) Dibenzo(a,h)anthracene	28.984	278	628769	29.999	ng/ul	99
96) Benzo(g,h,i)perylene	30.112	276	626460	30.052	ng/ul	98

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

