

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG050979.D
 Acq On : 11 Nov 2021 23:12
 Operator : CG/JU
 Sample : PB140632BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS632

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 02:33:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 11 12:40:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	34607	20.000	ng/u1	0.00
20) Naphthalene-d8	11.051	136	157964	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.853	164	104226	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.596	188	227085	20.000	ng/u1	0.00
79) Chrysene-d12	21.891	240	190620	20.000	ng/u1	0.00
88) Perylene-d12	25.293	264	187200	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	6174	5.758	ng/uL	0.00
4) Pyridine-d5	4.018	84	96345	30.035	ng/u1	0.00
7) Phenol-d5	7.373	99	133838	36.251	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	83209	34.890	ng/u1	0.00
11) 2-Chlorophenol-d4	7.755	132	93192	36.423	ng/u1	0.00
15) 4-Methylphenol-d8	8.930	113	103294	35.539	ng/u1	0.00
21) Nitrobenzene-d5	9.400	128	49524	36.892	ng/u1	0.00
24) 2-Nitrophenol-d4	10.129	143	57045	38.218	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.669	165	96272	38.289	ng/u1	0.00
31) 4-Chloroaniline-d4	11.186	131	127090	33.378	ng/u1	0.00
46) Dimethylphthalate-d6	14.247	166	320943	40.249	ng/u1	0.00
49) Acenaphthylene-d8	14.547	160	392187	39.477	ng/u1	0.00
54) 4-Nitrophenol-d4	15.046	143	62224	43.038	ng/u1	0.01
60) Fluorene-d10	15.840	176	280712	39.739	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	60981	44.293	ng/u1	0.00
73) Anthracene-d10	17.696	188	446333	41.572	ng/u1	0.00
81) Pyrene-d10	19.970	212	512517	41.628	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.064	264	430817	41.630	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.630	88	14150	12.015	ng/uL	92
5) Pyridine	4.036	79	106596	32.103	ng/u1	98
6) Benzaldehyde	7.361	77	88421	37.971	ng/u1	97
8) Phenol	7.402	94	143060	37.459	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.637	93	104260	36.471	ng/u1	100
12) 2-Chlorophenol	7.790	128	98871	38.059	ng/u1	97
13) 2-Methylphenol	8.666	108	105364	37.325	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.754	45	163009	36.202	ng/u1	100
16) Acetophenone	9.059	105	167161	37.022	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.036	70	101321	37.193	ng/u1	99
18) 4-Methylphenol	8.995	108	112729	37.505	ng/u1	99
19) Hexachloroethane	9.318	117	38908	35.821	ng/u1	99
22) Nitrobenzene	9.447	77	140811	37.611	ng/u1	96
23) Isophorone	9.964	82	281764	38.778	ng/u1	99
25) 2-Nitrophenol	10.158	139	61123	40.818	ng/u1	95
26) 2,4-Dimethylphenol	10.205	107	126435	38.364	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.440	93	148382	37.901	ng/u1	98
29) 2,4-Dichlorophenol	10.693	162	99145	40.426	ng/u1	96
30) Naphthalene	11.104	128	332657	38.512	ng/u1	98
32) 4-Chloroaniline	11.210	127	132160	34.955	ng/u1	98
33) Hexachlorobutadiene	11.374	225	63203	39.264	ng/u1	97
34) Caprolactam	11.979	113	40896m	39.278	ng/u1	
35) 4-Chloro-3-methylphenol	12.314	107	125443	40.039	ng/u1	100
36) 2-Methylnaphthalene	12.696	142	225192	38.268	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	228098	38.254	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.055	216	127630	42.026	ng/ul	97
40) Hexachlorocyclopentadiene	13.025	237	52580	36.055	ng/ul	98
41) 2,4,6-Trichlorophenol	13.290	196	86993	43.777	ng/ul	100
42) 2,4,5-Trichlorophenol	13.366	196	94418	44.256	ng/ul	99
43) 1,1'-Biphenyl	13.689	154	305682	40.125	ng/ul	98
44) 2-Chloronaphthalene	13.736	162	241676	40.482	ng/ul	97
45) 2-Nitroaniline	13.936	65	98019	41.325	ng/ul	98
47) Dimethylphthalate	14.294	163	332302	41.678	ng/ul	99
48) 2,6-Dinitrotoluene	14.424	165	71932	43.105	ng/ul	95
50) Acenaphthylene	14.576	152	398117	39.984	ng/ul	99
51) 3-Nitroaniline	14.759	138	68861	39.898	ng/ul	95
52) Acenaphthene	14.917	153	267142	40.804	ng/ul	98
53) 2,4-Dinitrophenol	14.964	184	41668	45.263	ng/ul	92
55) 4-Nitrophenol	15.058	109	58023	43.759	ng/ul	94
56) Dibenzofuran	15.246	168	377541	40.287	ng/ul	98
57) 2,4-Dinitrotoluene	15.211	165	104232	43.767	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.469	232	78064	46.560	ng/ul	100
59) Diethylphthalate	15.646	149	356591	41.783	ng/ul	99
61) Fluorene	15.898	166	301109	40.595	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.881	204	159698	41.347	ng/ul	98
63) 4-Nitroaniline	15.922	138	75740	44.235	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.975	198	62313	46.411	ng/ul#	98
67) N-Nitrosodiphenylamine	16.098	169	274904	43.309	ng/ul	99
68) 4-Bromophenyl-phenylether	16.774	248	100941	44.687	ng/ul	96
69) Hexachlorobenzene	16.897	284	104316	44.921	ng/ul	97
70) Atrazine	17.038	200	115242	42.813	ng/ul	98
71) Pentachlorophenol	17.244	266	58572	54.938	ng/ul	95
72) Phenanthrene	17.637	178	525470	43.349	ng/ul	100
74) Anthracene	17.732	178	519247	42.693	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.660	216	130595	42.237	ng/uL	97
76) Pentachlorobenzene	15.164	250	118521	41.369	ng/uL	99
77) Carbazole	18.002	167	487717	44.740	ng/ul	98
78) Di-n-butylphthalate	18.531	149	625736	43.684	ng/ul	100
80) Fluoranthene	19.641	202	644020	43.586	ng/ul	98
82) Pyrene	19.999	202	622887	43.144	ng/ul	99
83) Butylbenzylphthalate	20.863	149	274997	44.295	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.780	252	192302	41.424	ng/ul	96
85) Benzo(a)anthracene	21.874	228	577066	43.729	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.739	149	386376	43.356	ng/ul	99
87) Chrysene	21.944	228	552536	43.830	ng/ul	100
89) Di-n-octyl phthalate	23.008	149	649100	42.591	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	582869	43.706	ng/ul	99
91) Benzo(k)fluoranthene	24.277	252	533814	42.657	ng/ul	99
93) Benzo(a)pyrene	25.135	252	541799	42.656	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.195	276	610347m	43.167	ng/ul	
95) Dibenzo(a,h)anthracene	29.259	278	514449	43.001	ng/ul	98
96) Benzo(g,h,i)perylene	30.428	276	508350	42.951	ng/ul	96

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

