

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
 Data File : BG050732.D
 Acq On : 26 Oct 2021 15:32
 Operator : CG/JU
 Sample : SSTD02049
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020449

Quant Time: Oct 26 16:24:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 26 15:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	40869	20.000	ng/u1	0.00
20) Naphthalene-d8	11.076	136	186431	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.877	164	126729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.627	188	277084	20.000	ng/u1	0.00
79) Chrysene-d12	21.934	240	223193	20.000	ng/u1	0.00
88) Perylene-d12	25.365	264	224632	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	6955	6.252	ng/uL	0.00
4) Pyridine-d5	4.031	84	51044	15.399	ng/u1	0.00
7) Phenol-d5	7.392	99	59639	16.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.562	67	39518	17.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.774	132	43308	17.310	ng/u1	0.00
15) 4-Methylphenol-d8	8.949	113	47687	17.644	ng/u1	0.00
21) Nitrobenzene-d5	9.425	128	23055	17.677	ng/u1	0.00
24) 2-Nitrophenol-d4	10.148	143	25660	18.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.688	165	44496	16.099	ng/u1	0.00
31) 4-Chloroaniline-d4	11.205	131	63673	16.126	ng/u1	0.00
46) Dimethylphthalate-d6	14.266	166	142108	16.385	ng/u1	0.00
49) Acenaphthylene-d8	14.572	160	178145	16.356	ng/u1	0.00
54) 4-Nitrophenol-d4	15.060	143	23997	14.366	ng/u1	0.00
60) Fluorene-d10	15.865	176	121747	15.581	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	23829	17.242	ng/u1	0.00
73) Anthracene-d10	17.727	188	188625	16.114	ng/u1	0.00
81) Pyrene-d10	20.001	212	206632	17.411	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.124	264	181540	16.072	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.644	88	7613	5.657	ng/uL#	96
5) Pyridine	4.049	79	54287	16.168	ng/u1	97
6) Benzaldehyde	7.380	77	46730	19.844	ng/u1	93
8) Phenol	7.416	94	63808	17.434	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.656	93	49229	17.933	ng/u1	98
12) 2-Chlorophenol	7.809	128	44584	17.418	ng/u1	89
13) 2-Methylphenol	8.685	108	47621	17.656	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.767	45	78184	18.982	ng/u1	99
16) Acetophenone	9.078	105	76054	17.711	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.049	70	47316	18.335	ng/u1	93
18) 4-Methylphenol	9.014	108	50913	17.824	ng/u1	90
19) Hexachloroethane	9.343	117	18890	17.171	ng/u1	95
22) Nitrobenzene	9.466	77	65275	16.700	ng/u1	98
23) Isophorone	9.983	82	127630	16.990	ng/u1	99
25) 2-Nitrophenol	10.183	139	27262	18.950	ng/u1	97
26) 2,4-Dimethylphenol	10.224	107	58606	16.411	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.465	93	68138	16.801	ng/u1	100
29) 2,4-Dichlorophenol	10.718	162	43877	16.034	ng/u1	97
30) Naphthalene	11.129	128	150590	15.733	ng/u1	99
32) 4-Chloroaniline	11.235	127	64920	16.331	ng/u1	98
33) Hexachlorobutadiene	11.399	225	29516	14.842	ng/u1	96
34) Caprolactam	11.993	113	17437	16.493	ng/u1	97
35) 4-Chloro-3-methylphenol	12.333	107	55294	17.139	ng/u1	97
36) 2-Methylnaphthalene	12.721	142	103265	15.869	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.939	142	102592	15.660	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.080	216	55288	15.117	ng/ul	99
40) Hexachlorocyclopentadiene	13.050	237	24321	10.028	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.315	196	36784	15.958	ng/ul	93
42) 2,4,5-Trichlorophenol	13.391	196	38626	15.318	ng/ul	98
43) 1,1'-Biphenyl	13.708	154	139716	16.382	ng/ul	98
44) 2-Chloronaphthalene	13.761	162	105620	15.808	ng/ul	97
45) 2-Nitroaniline	13.961	65	42405	19.386	ng/ul	94
47) Dimethylphthalate	14.313	163	142753	16.359	ng/ul	99
48) 2,6-Dinitrotoluene	14.443	165	29199	17.788	ng/ul	93
50) Acenaphthylene	14.601	152	181942	16.468	ng/ul	99
51) 3-Nitroaniline	14.778	138	31777	17.797	ng/ul	95
52) Acenaphthene	14.942	153	117313	16.066	ng/ul	97
53) 2,4-Dinitrophenol	14.989	184	13832	13.519	ng/ul#	84
55) 4-Nitrophenol	15.077	109	22911	13.870	ng/ul	92
56) Dibenzofuran	15.271	168	167120	15.736	ng/ul	95
57) 2,4-Dinitrotoluene	15.230	165	41607	17.456	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.494	232	30345	13.994	ng/ul#	87
59) Diethylphthalate	15.671	149	151048	16.589	ng/ul	97
61) Fluorene	15.923	166	133074	15.750	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.906	204	69327	15.151	ng/ul	96
63) 4-Nitroaniline	15.935	138	31981	17.736	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.994	198	23013	16.846	ng/ul#	96
67) N-Nitrosodiphenylamine	16.117	169	117125	16.718	ng/ul	98
68) 4-Bromophenyl-phenylether	16.805	248	41496	16.085	ng/ul	95
69) Hexachlorobenzene	16.922	284	42215	15.540	ng/ul	97
70) Atrazine	17.063	200	49803	16.696	ng/ul	92
71) Pentachlorophenol	17.269	266	17222	9.681	ng/ul	98
72) Phenanthrene	17.668	178	220995	15.978	ng/ul	99
74) Anthracene	17.756	178	220867	16.124	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.679	216	59142	16.190	ng/ul	97
76) Pentachlorobenzene	15.189	250	53705	16.092	ng/ul	99
77) Carbazole	18.027	167	207267	16.905	ng/ul	100
78) Di-n-butylphthalate	18.561	149	257903	17.751	ng/ul	100
80) Fluoranthene	19.666	202	264121	17.722	ng/ul	98
82) Pyrene	20.030	202	258970	17.621	ng/ul	96
83) Butylbenzylphthalate	20.894	149	107873	19.913	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.816	252	84844	18.443	ng/ul	98
85) Benzo(a)anthracene	21.910	228	226047	16.800	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.781	149	153961	19.778	ng/ul	99
87) Chrysene	21.981	228	217415	16.861	ng/ul	98
89) Di-n-octyl phthalate	23.062	149	262999	20.376	ng/ul	100
90) Benzo(b)fluoranthene	24.266	252	229031	16.739	ng/ul	99
91) Benzo(k)fluoranthene	24.337	252	207319	16.284	ng/ul	98
93) Benzo(a)pyrene	25.201	252	216215	16.562	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.302	276	237207	16.184	ng/ul	97
95) Dibenzo(a,h)anthracene	29.366	278	205190	16.451	ng/ul	99
96) Benzo(g,h,i)perylene	30.541	276	199253	16.126	ng/ul	99

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

