

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051547.D
 Acq On : 15 Dec 2021 21:46
 Operator : CG/JU
 Sample : M4995-11MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW5Q3MS

Quant Time: Dec 16 02:08:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	30986	20.000	ng/u1	0.00
20) Naphthalene-d8	11.120	136	126008	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.915	164	91525	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.659	188	227170	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.976	240	223628	20.000	ng/u1	# 0.00
88) Perylene-d12	25.472	264	232584	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.601	96	4098	5.492	ng/uL	0.00
4) Pyridine-d5	4.036	84	9398	4.169	ng/u1	0.00
7) Phenol-d5	7.402	99	22240	8.039	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.584	67	59093	35.929	ng/u1	0.00
11) 2-Chlorophenol-d4	7.801	132	54955	28.560	ng/u1	0.00
15) 4-Methylphenol-d8	8.976	113	39045	18.258	ng/u1	0.00
21) Nitrobenzene-d5	9.446	128	36519	39.530	ng/u1	0.00
24) 2-Nitrophenol-d4	10.181	143	39405	39.018	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.721	165	73132	33.393	ng/u1	0.00
31) 4-Chloroaniline-d4	11.232	131	75034	26.022	ng/u1	0.00
46) Dimethylphthalate-d6	14.304	166	299166	40.838	ng/u1	0.00
49) Acenaphthylene-d8	14.610	160	338641	37.221	ng/u1	0.00
54) 4-Nitrophenol-d4	15.068	143	11969	10.047	ng/u1	0.00
60) Fluorene-d10	15.902	176	262209	39.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	56090	47.390	ng/u1	0.00
73) Anthracene-d10	17.758	188	448686	41.404	ng/u1	0.00
81) Pyrene-d10	20.032	212	564801	41.964	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.237	264	540650	44.179	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.642	88	12987	16.678	ng/uL#	77
5) Pyridine	4.053	79	11253	4.976	ng/u1	90
6) Benzaldehyde	7.396	77	71698	41.537	ng/u1	95
8) Phenol	7.431	94	24288	8.829	ng/u1#	83
10) Bis(2-Chloroethyl)ether	7.678	93	69036	32.894	ng/u1	98
12) 2-Chlorophenol	7.837	128	53554	27.132	ng/u1	94
13) 2-Methylphenol	8.706	108	43027	20.729	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.800	45	93792	32.946	ng/u1#	94
16) Acetophenone	9.105	105	110192	32.803	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.088	70	64895	32.196	ng/u1	98
18) 4-Methylphenol	9.035	108	39508	18.059	ng/u1	89
19) Hexachloroethane	9.387	117	26675	30.973	ng/u1#	67
22) Nitrobenzene	9.487	77	94631	35.217	ng/u1#	95
23) Isophorone	10.022	82	176257	32.673	ng/u1	97
25) 2-Nitrophenol	10.210	139	39033	36.158	ng/u1	94
26) 2,4-Dimethylphenol	10.257	107	71553	27.510	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.498	93	94097	32.849	ng/u1	98
29) 2,4-Dichlorophenol	10.750	162	67281	32.288	ng/u1	97
30) Naphthalene	11.167	128	221401	32.613	ng/u1	98
32) 4-Chloroaniline	11.261	127	74836	25.416	ng/u1	97
33) Hexachlorobutadiene	11.461	225	57508	32.507	ng/u1	98
34) Caprolactam	12.007	113	3697	5.860	ng/u1#	68
35) 4-Chloro-3-methylphenol	12.360	107	71971	30.825	ng/u1	88
36) 2-Methylnaphthalene	12.759	142	167991	34.686	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.977	142	168757	33.558	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.118	216	112876	35.456	ng/ul	98
40) Hexachlorocyclopentadiene	13.106	237	63579	27.505	ng/ul	97
41) 2,4,6-Trichlorophenol	13.347	196	73584	38.182	ng/ul	98
42) 2,4,5-Trichlorophenol	13.417	196	78998	39.112	ng/ul	99
43) 1,1'-Biphenyl	13.752	154	237902	33.933	ng/ul#	96
44) 2-Chloronaphthalene	13.799	162	186610	34.429	ng/ul	97
45) 2-Nitroaniline	13.981	65	68398	41.308	ng/ul	91
47) Dimethylphthalate	14.351	163	274676	38.621	ng/ul#	99
48) 2,6-Dinitrotoluene	14.469	165	59501	43.764	ng/ul	96
50) Acenaphthylene	14.639	152	307179	34.509	ng/ul	97
51) 3-Nitroaniline	14.798	138	51771	39.822	ng/ul	99
52) Acenaphthene	14.980	153	205799	34.996	ng/ul	94
53) 2,4-Dinitrophenol	14.998	184	34464	43.851	ng/ul#	60
55) 4-Nitrophenol	15.086	109	12805	10.019	ng/ul	80
56) Dibenzofuran	15.309	168	311979	36.023	ng/ul	97
57) 2,4-Dinitrotoluene	15.250	165	86349	44.810	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.526	232	81720	42.573	ng/ul#	89
59) Diethylphthalate	15.714	149	286720	38.700	ng/ul	97
61) Fluorene	15.961	166	263620	36.943	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.943	204	146468	36.851	ng/ul	91
63) 4-Nitroaniline	15.961	138	58588	43.941	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.020	198	52117	44.837	ng/ul#	95
67) N-Nitrosodiphenylamine	16.149	169	240807	39.411	ng/ul	97
68) 4-Bromophenyl-phenylether	16.842	248	104272	45.071	ng/ul#	86
69) Hexachlorobenzene	16.965	284	119794	41.206	ng/ul#	90
70) Atrazine	17.095	200	107473	39.198	ng/ul	97
71) Pentachlorophenol	17.300	266	75026	42.120	ng/ul	97
72) Phenanthrene	17.700	178	455031	38.943	ng/ul	99
74) Anthracene	17.794	178	448955	38.034	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.723	216	117160	33.524	ng/uL	100
76) Pentachlorobenzene	15.232	250	126751	37.939	ng/uL	99
77) Carbazole	18.052	167	421405	39.868	ng/ul	97
78) Di-n-butylphthalate	18.604	149	499134	39.238	ng/ul	100
80) Fluoranthene	19.697	202	602418	38.994	ng/ul#	91
82) Pyrene	20.061	202	586786	38.380	ng/ul#	87
83) Butylbenzylphthalate	20.937	149	212334	41.413	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.853	252	174861	33.178	ng/ul#	97
85) Benzo(a)anthracene	21.959	228	578493	39.761	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.853	149	304123	42.346	ng/ul#	98
87) Chrysene	22.029	228	557322	39.650	ng/ul	98
89) Di-n-octyl phthalate	23.163	149	501971	40.070	ng/ul	100
90) Benzo(b)fluoranthene	24.361	252	625093	40.124	ng/ul#	96
91) Benzo(k)fluoranthene	24.432	252	573760	39.328	ng/ul#	94
93) Benzo(a)pyrene	25.313	252	586183	39.869	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.501	276	672877	41.920	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.578	278	573509	41.833	ng/ul#	93
96) Benzo(g,h,i)perylene	30.770	276	570761	41.960	ng/ul#	88

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

