

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063717.D
 Acq On : 18 Dec 2024 3:27
 Operator : RC/JU
 Sample : P5155-19MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28W2MSD

Quant Time: Dec 18 05:25:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	158491	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	690107	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.447	164	520160	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.197	188	1120105	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1035043	20.000	ng/u1	0.00
88) Perylene-d12	24.465	264	1124653	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	16733	4.137	ng/uL	-0.02
4) Pyridine-d5	3.671	84	296401	23.232	ng/u1	-0.02
7) Phenol-d5	6.997	99	387624	26.555	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.138	67	252995	25.095	ng/u1	0.00
11) 2-Chlorophenol-d4	7.349	132	257617	27.261	ng/u1	0.00
15) 4-Methylphenol-d8	8.530	113	241563	21.315	ng/u1	0.00
21) Nitrobenzene-d5	8.959	128	147013	29.836	ng/u1	0.00
24) 2-Nitrophenol-d4	9.682	143	165006	29.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	311966	29.173	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	318441	23.452	ng/u1	0.00
46) Dimethylphthalate-d6	13.854	166	1039915	29.381	ng/u1	0.00
49) Acenaphthylene-d8	14.142	160	1061064	26.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.682	143	127990	25.522	ng/u1	0.00
60) Fluorene-d10	15.440	176	794891	25.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	55741	9.585	ng/u1	0.00
73) Anthracene-d10	17.297	188	1178586	24.474	ng/u1	0.00
81) Pyrene-d10	19.594	212	1185165	22.004	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.259	264	909189	17.215	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.295	88	48707	10.176	ng/uL#	93
5) Pyridine	3.689	79	417410	30.545	ng/u1	91
6) Benzaldehyde	6.944	77	63428	7.084	ng/u1	91
8) Phenol	7.020	94	635429	40.846	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.232	93	414227	34.802	ng/u1	97
12) 2-Chlorophenol	7.379	128	386337	40.388	ng/u1	99
13) 2-Methylphenol	8.260	108	449839	40.008	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.325	45	633053	35.826	ng/u1	98
16) Acetophenone	8.624	105	685075	35.640	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.607	70	398277	34.725	ng/u1	96
18) 4-Methylphenol	8.595	108	495158	40.238	ng/u1	93
19) Hexachloroethane	8.877	117	161685	34.399	ng/u1	97
22) Nitrobenzene	9.006	77	589509	35.827	ng/u1	94
23) Isophorone	9.523	82	1080088	34.741	ng/u1	99
25) 2-Nitrophenol	9.717	139	236676	41.694	ng/u1#	87
26) 2,4-Dimethylphenol	9.788	107	498989	38.739	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.005	93	601386	35.764	ng/u1#	95
29) 2,4-Dichlorophenol	10.258	162	447157	42.083	ng/u1	97
30) Naphthalene	10.646	128	1378949	39.966	ng/u1	98
32) 4-Chloroaniline	10.757	127	353486	27.362	ng/u1	99
33) Hexachlorobutadiene	10.928	225	291988	33.824	ng/u1	96
34) Caprolactam	11.527	113	157873m	42.981	ng/u1	
35) 4-Chloro-3-methylphenol	11.903	107	532117	42.655	ng/u1	97
36) 2-Methylnaphthalene	12.261	142	984699	39.709	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.479	142	978995	38.758	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.632	216	607160	36.462	ng/ul	99
40) Hexachlorocyclopentadiene	12.608	237	48041	7.298	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.884	196	395240	41.996	ng/ul	93
42) 2,4,5-Trichlorophenol	12.966	196	420977	42.860	ng/ul	93
43) 1,1'-Biphenyl	13.278	154	1347087	39.269	ng/ul	95
44) 2-Chloronaphthalene	13.319	162	1073146	38.958	ng/ul	97
45) 2-Nitroaniline	13.530	65	422606	45.801	ng/ul	92
47) Dimethylphthalate	13.901	163	1391767	39.235	ng/ul	98
48) 2,6-Dinitrotoluene	14.024	165	279590	42.439	ng/ul#	91
50) Acenaphthylene	14.165	152	1670126	38.604	ng/ul	98
51) 3-Nitroaniline	14.359	138	275080	45.161	ng/ul	90
52) Acenaphthene	14.512	153	1203495	39.248	ng/ul	98
53) 2,4-Dinitrophenol	14.582	184	55228	16.404	ng/ul	96
55) 4-Nitrophenol	14.700	109	183575	35.253	ng/ul	90
56) Dibenzofuran	14.847	168	1746958	40.410	ng/ul	99
57) 2,4-Dinitrotoluene	14.823	165	427268	43.647	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.087	232	365456	43.164	ng/ul#	91
59) Diethylphthalate	15.270	149	1368611	39.910	ng/ul	97
61) Fluorene	15.499	166	1349094	39.081	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.487	204	732327	38.079	ng/ul	100
63) 4-Nitroaniline	15.528	138	299098	49.049	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.593	198	138790	23.165	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	1196245	44.103	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	484835	42.472	ng/ul	95
69) Hexachlorobenzene	16.509	284	530604	41.487	ng/ul	98
70) Atrazine	16.662	200	475531	41.474	ng/ul	98
71) Pentachlorophenol	16.862	266	246902	45.786	ng/ul	98
72) Phenanthrene	17.244	178	2390185	44.281	ng/ul	99
74) Anthracene	17.332	178	2256729	41.307	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.243	216	598763	40.065	ng/ul	98
76) Pentachlorobenzene	14.770	250	627259	42.367	ng/ul	99
77) Carbazole	17.608	167	1936440	43.788	ng/ul	99
78) Di-n-butylphthalate	18.160	149	2330518	43.636	ng/ul	98
80) Fluoranthene	19.259	202	2778809	45.392	ng/ul	96
82) Pyrene	19.623	202	2908801	44.660	ng/ul#	92
83) Butylbenzylphthalate	20.516	149	1024650	51.249	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.351	252	529570	28.343	ng/ul	94
85) Benzo(a)anthracene	21.427	228	2749320	42.384	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	1493402	51.348	ng/ul	98
87) Chrysene	21.492	228	2643748	42.762	ng/ul	94
89) Di-n-octyl phthalate	22.473	149	2488706	51.269	ng/ul	100
90) Benzo(b)fluoranthene	23.519	252	3161351	49.458	ng/ul	98
91) Benzo(k)fluoranthene	23.578	252	2725247m	42.742	ng/ul	
93) Benzo(a)pyrene	24.330	252	2835209	47.255	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.884	276	3479557	47.489	ng/ul	98
95) Dibenzo(a,h)anthracene	27.931	278	2570828	43.850	ng/ul#	94
96) Benzo(g,h,i)perylene	28.948	276	2825959	48.604	ng/ul	97

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

