

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058081.D
 Acq On : 7 Jul 2023 19:01
 Operator : CG/JU
 Sample : 03284-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGZ6MSD

Quant Time: Jul 07 19:45:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 05 23:20:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	38769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.723	136	174305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.554	164	127176	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	306359	20.000	ng/u1	0.00
79) Chrysene-d12	21.558	240	274404	20.000	ng/u1	0.00
88) Perylene-d12	24.707	264	354238	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	4838	4.370	ng/uL	0.00
4) Pyridine-d5	3.767	84	38760	11.532	ng/u1	0.00
7) Phenol-d5	7.081	99	33527	8.468	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	93031	38.991	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	82101	30.066	ng/u1	0.00
15) 4-Methylphenol-d8	8.626	113	60115	20.122	ng/u1	0.00
21) Nitrobenzene-d5	9.078	128	57133	40.216	ng/u1	0.00
24) 2-Nitrophenol-d4	9.801	143	62208	41.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.342	165	106046	37.024	ng/u1	0.00
31) 4-Chloroaniline-d4	10.859	131	143448	33.032	ng/u1	0.00
46) Dimethylphthalate-d6	13.961	166	425418	42.396	ng/u1	0.00
49) Acenaphthylene-d8	14.249	160	455425	41.592	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	16583	9.354	ng/u1	-0.01
60) Fluorene-d10	15.547	176	361740	42.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	76367	45.906	ng/u1	0.00
73) Anthracene-d10	17.398	188	594793	41.840	ng/u1	0.00
81) Pyrene-d10	19.689	212	734618	42.507	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.496	264	788298	43.679	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.391	88	6893	5.040	ng/uL	98
5) Pyridine	3.784	79	39991	11.612	ng/u1	90
6) Benzaldehyde	7.057	77	90029	68.088	ng/u1	96
8) Phenol	7.110	94	36487	9.081	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.339	93	110283	35.549	ng/u1	98
12) 2-Chlorophenol	7.480	128	78986	27.796	ng/u1	97
13) 2-Methylphenol	8.361	108	70886	22.465	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.444	45	180545	37.808	ng/u1	98
16) Acetophenone	8.738	105	188747	38.080	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.720	70	101079	38.147	ng/u1	98
18) 4-Methylphenol	8.691	108	69188	20.278	ng/u1	99
19) Hexachloroethane	8.996	117	34021	31.230	ng/u1	99
22) Nitrobenzene	9.119	77	141543	38.379	ng/u1	98
23) Isophorone	9.642	82	308293	39.176	ng/u1	98
25) 2-Nitrophenol	9.830	139	62461	38.986	ng/u1	94
26) 2,4-Dimethylphenol	9.895	107	85870	23.835	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.124	93	168311	37.955	ng/u1	98
29) 2,4-Dichlorophenol	10.371	162	99219	35.628	ng/u1	96
30) Naphthalene	10.770	128	357485	36.495	ng/u1	100
32) 4-Chloroaniline	10.882	127	127741	28.768	ng/u1	98
33) Hexachlorobutadiene	11.052	225	68883	34.938	ng/u1	95
34) Caprolactam	11.634	113	7066	6.311	ng/u1	95
35) 4-Chloro-3-methylphenol	12.004	107	116629	34.093	ng/u1	97
36) 2-Methylnaphthalene	12.380	142	250376	37.917	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	256550	38.744	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.750	216	150955	38.950	ng/ul	98
40) Hexachlorocyclopentadiene	12.727	237	62342	25.538	ng/ul	97
41) 2,4,6-Trichlorophenol	12.985	196	104608	39.824	ng/ul	96
42) 2,4,5-Trichlorophenol	13.062	196	111142	39.124	ng/ul	99
43) 1,1'-Biphenyl	13.391	154	346182	37.773	ng/ul	100
44) 2-Chloronaphthalene	13.432	162	275587	37.467	ng/ul	100
45) 2-Nitroaniline	13.638	65	106480	41.637	ng/ul	98
47) Dimethylphthalate	14.008	163	397571	39.437	ng/ul	99
48) 2,6-Dinitrotoluene	14.131	165	87215	42.147	ng/ul	98
50) Acenaphthylene	14.278	152	449952	38.053	ng/ul	98
51) 3-Nitroaniline	14.460	138	79534	45.481	ng/ul	99
52) Acenaphthene	14.619	153	314715	38.787	ng/ul	98
53) 2,4-Dinitrophenol	14.666	184	44450	41.203	ng/ul	92
55) 4-Nitrophenol	14.772	109	12727	9.691	ng/ul	89
56) Dibenzofuran	14.954	168	458372	39.741	ng/ul	100
57) 2,4-Dinitrotoluene	14.919	165	125253	42.721	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.183	232	105584	40.828	ng/ul	100
59) Diethylphthalate	15.371	149	410656	39.028	ng/ul	99
61) Fluorene	15.606	166	372530	39.364	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.594	204	204630	40.865	ng/ul	97
63) 4-Nitroaniline	15.624	138	82171	52.453	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.682	198	75297	44.261	ng/ul	98
67) N-Nitrosodiphenylamine	15.806	169	320370	39.294	ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	143184	42.578	ng/ul	98
69) Hexachlorobenzene	16.605	284	161094	42.786	ng/ul	99
70) Atrazine	16.758	200	107702	32.303	ng/ul	92
71) Pentachlorophenol	16.951	266	92095	40.743	ng/ul	98
72) Phenanthrene	17.345	178	620958	39.847	ng/ul	99
74) Anthracene	17.433	178	619067	39.256	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.356	216	157304	38.716	ng/uL	97
76) Pentachlorobenzene	14.871	250	180044	41.491	ng/uL	98
77) Carbazole	17.703	167	587377	41.184	ng/ul	99
78) Di-n-butylphthalate	18.256	149	740448	40.756	ng/ul	99
80) Fluoranthene	19.354	202	779724	38.936	ng/ul	99
82) Pyrene	19.719	202	776974	38.545	ng/ul	100
83) Butylbenzylphthalate	20.600	149	334099	40.873	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.452	252	282080	42.462	ng/ul	96
85) Benzo(a)anthracene	21.534	228	808377	41.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.440	149	485951	41.486	ng/ul	96
87) Chrysene	21.605	228	767886	41.575	ng/ul	99
89) Di-n-octyl phthalate	22.621	149	857472	39.396	ng/ul	100
90) Benzo(b)fluoranthene	23.708	252	868155	39.581	ng/ul	99
91) Benzo(k)fluoranthene	23.779	252	871020	40.515	ng/ul	99
93) Benzo(a)pyrene	24.560	252	772635	39.799	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.303	276	1043490	40.478	ng/ul	99
95) Dibenzo(a,h)anthracene	28.367	278	873749	41.102	ng/ul	99
96) Benzo(g,h,i)perylene	29.431	276	851915	40.459	ng/ul	98

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

