

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
 Data File : BG057326.D
 Acq On : 8 May 2023 11:12
 Operator : CG/JU
 Sample : 02589-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JREA1MS

Quant Time: May 09 00:26:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	14669	20.000	ng/u1	0.00
20) Naphthalene-d8	11.210	136	66189	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	52593	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.725	188	129774	20.000	ng/u1	0.00
79) Chrysene-d12	22.043	240	115230	20.000	ng/u1	0.00
88) Perylene-d12	25.561	264	117119	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	434	1.302	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.515	99	13627	9.823	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	8320	10.197	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	10544	11.534	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	10480	9.940	ng/u1	0.00
21) Nitrobenzene-d5	9.548	128	5330	10.112	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	6870	11.168	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	13595	11.455	ng/u1	0.00
31) 4-Chloroaniline-d4	11.339	131	8747	5.561	ng/u1	0.00
46) Dimethylphthalate-d6	14.371	166	45137	10.831	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	53274	11.374	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	3875	6.388	ng/u1	0.00
60) Fluorene-d10	15.974	176	45030	11.599	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.092	200	6651	8.650	ng/u1	0.00
73) Anthracene-d10	17.825	188	70626	11.923	ng/u1	0.00
81) Pyrene-d10	20.092	212	88369	12.920	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.315	264	75292	12.618	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.685	88	1739	4.919	ng/uL#	69
6) Benzaldehyde	7.503	77	9366	22.105	ng/u1	89
8) Phenol	7.545	94	16204	11.589	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.774	93	12054	11.519	ng/u1	90
12) 2-Chlorophenol	7.938	128	11975	12.471	ng/u1	93
13) 2-Methylphenol	8.813	108	12379	11.424	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.890	45	13277	9.841	ng/u1	96
16) Acetophenone	9.201	105	21373	11.780	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.172	70	11347	10.883	ng/u1#	94
18) 4-Methylphenol	9.136	108	13737	11.712	ng/u1	93
19) Hexachloroethane	9.471	117	4790	11.923	ng/u1	84
22) Nitrobenzene	9.595	77	17041	10.857	ng/u1	95
23) Isophorone	10.112	82	32211	10.786	ng/u1	96
25) 2-Nitrophenol	10.317	139	7387	11.856	ng/u1	96
26) 2,4-Dimethylphenol	10.352	107	13068	9.246	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.587	93	16601	10.694	ng/u1	99
29) 2,4-Dichlorophenol	10.852	162	14075	12.494	ng/u1	97
30) Naphthalene	11.263	128	43032	11.841	ng/u1	98
32) 4-Chloroaniline	11.363	127	14917	9.101	ng/u1	92
33) Hexachlorobutadiene	11.533	225	11227	11.750	ng/u1	93
34) Caprolactam	12.109	113	4265	11.246	ng/u1	95
35) 4-Chloro-3-methylphenol	12.461	107	15756	12.156	ng/u1	97
36) 2-Methylnaphthalene	12.837	142	31665	11.881	ng/u1	97
37) 1-Methylnaphthalene	13.055	142	33074	12.342	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.202	216	23431	12.260	ng/ul	93
40) Hexachlorocyclopentadiene	13.166	237	1059	1.110	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.437	196	13951	12.533	ng/ul	95
42) 2,4,5-Trichlorophenol	13.437	196	10806	9.042	ng/ul	91
43) 1,1'-Biphenyl	13.824	154	47116	11.741	ng/ul#	98
44) 2-Chloronaphthalene	13.877	162	37883	12.175	ng/ul	97
45) 2-Nitroaniline	14.071	65	10931	11.637	ng/ul	86
47) Dimethylphthalate	14.418	163	50407	12.045	ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	10140	11.774	ng/ul	97
50) Acenaphthylene	14.717	152	57549	12.091	ng/ul	97
51) 3-Nitroaniline	14.888	138	8940	14.650	ng/ul	99
52) Acenaphthene	15.052	153	39874	11.758	ng/ul	96
53) 2,4-Dinitrophenol	15.105	184	2990	6.519	ng/ul	99
55) 4-Nitrophenol	15.193	109	6650	9.671	ng/ul	96
56) Dibenzofuran	15.381	168	59953	12.242	ng/ul	100
57) 2,4-Dinitrotoluene	15.340	165	15485	12.560	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.610	232	13538	12.467	ng/ul#	94
59) Diethylphthalate	15.763	149	50020	11.765	ng/ul	100
61) Fluorene	16.027	166	50594	12.218	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.004	204	28650	11.854	ng/ul	98
63) 4-Nitroaniline	16.039	138	9909	17.147	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.109	198	8136	10.384	ng/ul#	94
67) N-Nitrosodiphenylamine	16.215	169	42956	12.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.897	248	19677	12.686	ng/ul	99
69) Hexachlorobenzene	17.032	284	21631	13.243	ng/ul	98
70) Atrazine	17.149	200	17339	11.508	ng/ul	95
71) Pentachlorophenol	17.384	266	5552	7.354	ng/ul	93
72) Phenanthrene	17.772	178	86650	12.822	ng/ul	100
74) Anthracene	17.860	178	85441	12.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.801	216	24240	12.419	ng/uL	95
76) Pentachlorobenzene	15.305	250	24431	12.296	ng/uL	95
77) Carbazole	18.124	167	74930	13.208	ng/ul	98
78) Di-n-butylphthalate	18.641	149	88746	13.680	ng/ul	98
80) Fluoranthene	19.757	202	109380	13.463	ng/ul	97
82) Pyrene	20.122	202	111748	13.586	ng/ul#	97
83) Butylbenzylphthalate	20.973	149	38048	14.445	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.913	252	28494	11.134	ng/ul	94
85) Benzo(a)anthracene	22.019	228	108641	13.331	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.860	149	53751	14.031	ng/ul	97
87) Chrysene	22.090	228	102588	13.342	ng/ul	96
89) Di-n-octyl phthalate	23.159	149	88688	13.713	ng/ul	100
90) Benzo(b)fluoranthene	24.428	252	108831	13.419	ng/ul	99
91) Benzo(k)fluoranthene	24.498	252	104810	13.283	ng/ul	98
93) Benzo(a)pyrene	25.385	252	91369	13.049	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.621	276	120405	13.756	ng/ul	98
95) Dibenzo(a,h)anthracene	29.673	278	99383	13.694	ng/ul	99
96) Benzo(g,h,i)perylene	30.889	276	81332	11.482	ng/ul	99

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

