

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058323.D
 Acq On : 19 Jul 2023 9:46
 Operator : CG/JU
 Sample : 03501-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4669

Quant Time: Jul 19 10:21:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	38134	20.000	ng/u1	0.00
20) Naphthalene-d8	10.703	136	178378	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	133158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	320311	20.000	ng/u1	0.00
79) Chrysene-d12	21.537	240	260993	20.000	ng/u1	0.00
88) Perylene-d12	24.669	264	321134	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5393	5.205	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.060	99	124928	34.534	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	71657	31.692	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	86916	34.324	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	90754	32.890	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	45116	33.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	50786	34.793	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	97723	34.924	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	116970	28.836	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	329532	32.093	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	373421	34.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	54525	35.161	ng/u1	0.00
60) Fluorene-d10	15.527	176	297980	35.052	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	51926	31.819	ng/u1	0.00
73) Anthracene-d10	17.377	188	502694	36.321	ng/u1	0.00
81) Pyrene-d10	19.669	212	559269	36.281	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	572587	36.890	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	28543	24.287	ng/uL#	96
6) Benzaldehyde	7.037	77	84335	57.727	ng/u1	98
8) Phenol	7.089	94	152273	40.533	ng/u1	97
12) 2-Chlorophenol	7.460	128	67493	25.463	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.699	70	72487	28.185	ng/u1	98
22) Nitrobenzene	9.099	77	82145	23.038	ng/u1	98
25) 2-Nitrophenol	9.816	139	42897	27.513	ng/u1	95
29) 2,4-Dichlorophenol	10.344	162	74286	27.971	ng/u1	95
30) Naphthalene	10.750	128	181090	18.993	ng/u1	99
33) Hexachlorobutadiene	11.032	225	51207	26.964	ng/u1	96
35) 4-Chloro-3-methylphenol	11.984	107	153860	45.522	ng/u1	95
37) 1-Methylnaphthalene	12.577	142	174161	26.602	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.730	216	86340	22.399	ng/u1	99
41) 2,4,6-Trichlorophenol	12.971	196	91361	35.012	ng/u1	98
43) 1,1'-Biphenyl	13.370	154	262397	29.142	ng/u1	99
44) 2-Chloronaphthalene	13.411	162	129736	18.122	ng/u1	96
47) Dimethylphthalate	13.987	163	258360	25.050	ng/u1	99
48) 2,6-Dinitrotoluene	14.111	165	55212	27.702	ng/u1	98
52) Acenaphthene	14.598	153	192691	23.894	ng/u1	98
55) 4-Nitrophenol	14.751	109	32405	27.134	ng/u1	95
56) Dibenzofuran	14.933	168	237824	20.711	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.162	232	63799	24.817	ng/u1#	97
62) 4-Chlorophenyl-phenyle...	15.574	204	93840	18.771	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.668	198	84181	50.138	ng/u1#	97

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69) Hexachlorobenzene	16.590	284	85257	22.270	ng/ul	97
71) Pentachlorophenol	16.931	266	86874	40.427	ng/ul	94
72) Phenanthrene	17.325	178	316050	20.763	ng/ul	98
74) Anthracene	17.413	178	351229	22.984	ng/ul	98
77) Carbazole	17.683	167	310820	23.464	ng/ul	99
78) Di-n-butylphthalate	18.235	149	348130	20.682	ng/ul	99
80) Fluoranthene	19.340	202	793996	44.961	ng/ul	99
82) Pyrene	19.698	202	562637	31.444	ng/ul	98
83) Butylbenzylphthalate	20.579	149	143354	20.346	ng/ul	99
85) Benzo(a)anthracene	21.514	228	685178	39.058	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	255492	25.494	ng/ul	100
87) Chrysene	21.578	228	476748	28.651	ng/ul	99
90) Benzo(b)fluoranthene	23.670	252	517578	27.856	ng/ul	99
93) Benzo(a)pyrene	24.522	252	433659	26.241	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	634770	29.153	ng/ul	99
95) Dibenzo(a,h)anthracene	28.294	278	410604	22.997	ng/ul	97

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

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