

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
 Data File : BM047465.D
 Acq On : 10 Sep 2024 17:23
 Operator : RC/JU
 Sample : SSTD00530
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005013

Quant Time: Sep 11 00:18:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:00:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	377954	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1647576	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	1023151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2092532	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	1915529	20.000	ng/u1	0.00
88) Perylene-d12	24.521	264	2173223	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	17822	1.868	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.404	132	118458	4.871	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.022	128	54797	4.145	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	46039	3.189	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	103722	3.742	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.910	166	349800	4.471	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	412645	4.725	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.492	176	299979	4.483	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.333	188	457035	4.607	ng/u1	0.00
81) Pyrene-d10	19.615	212	500066	4.560	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.309	264	499064	4.361	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	19665	1.852	ng/uL#	93
12) 2-Chlorophenol	7.434	128	123309	5.005	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	106546	5.644	ng/u1	94
19) Hexachloroethane	8.963	117	58079	4.839	ng/u1	99
22) Nitrobenzene	9.063	77	141392	4.003	ng/u1	99
23) Isophorone	9.592	82	286876	4.747	ng/u1	99
25) 2-Nitrophenol	9.781	139	53450	3.384	ng/u1	97
26) 2,4-Dimethylphenol	9.839	107	133572	4.291	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.080	93	178679	4.796	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	106944	3.868	ng/u1	96
30) Naphthalene	10.722	128	426482	4.889	ng/u1	99
33) Hexachlorobutadiene	11.016	225	69752	3.497	ng/u1	99
35) 4-Chloro-3-methylphenol	11.933	107	120654	4.232	ng/u1	100
36) 2-Methylnaphthalene	12.327	142	288745	4.740	ng/u1	98
37) 1-Methylnaphthalene	12.551	142	291795	4.732	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	134285	4.185	ng/u1	99
41) 2,4,6-Trichlorophenol	12.933	196	77345	3.683	ng/u1	100
42) 2,4,5-Trichlorophenol	12.998	196	82415	3.634	ng/u1	99
43) 1,1'-Biphenyl	13.339	154	369595	4.828	ng/u1	99
44) 2-Chloronaphthalene	13.380	162	287051	4.722	ng/u1	98
45) 2-Nitroaniline	13.568	65	71332	3.862	ng/u1	96
47) Dimethylphthalate	13.957	163	355739	4.532	ng/u1	99
48) 2,6-Dinitrotoluene	14.063	165	55209	3.618	ng/u1#	85
50) Acenaphthylene	14.221	152	445601	4.832	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.563	153	316907	4.766	ng/ul	99
56) Dibenzofuran	14.898	168	425959	4.565	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	76052	3.261	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.121	232	63094	3.130	ng/ul	98
59) Diethylphthalate	15.321	149	374274	4.432	ng/ul	99
61) Fluorene	15.545	166	357675	4.647	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	164661	4.346	ng/ul	95
67) N-Nitrosodiphenylamine	15.751	169	295558	4.765	ng/ul	98
68) 4-Bromophenyl-phenylether	16.433	248	97943	4.324	ng/ul	98
69) Hexachlorobenzene	16.545	284	114560	4.296	ng/ul	98
72) Phenanthrene	17.280	178	541816	4.619	ng/ul	99
74) Anthracene	17.368	178	547378	4.627	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	136503	4.534	ng/uL	99
76) Pentachlorobenzene	14.821	250	141016	4.525	ng/uL	99
78) Di-n-butylphthalate	18.209	149	639370	4.585	ng/ul	100
80) Fluoranthene	19.286	202	600120	4.579	ng/ul	99
82) Pyrene	19.645	202	649807	4.654	ng/ul	99
83) Butylbenzylphthalate	20.550	149	270146	4.426	ng/ul	97
85) Benzo(a)anthracene	21.450	228	624320	4.463	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	418940	4.702	ng/ul	99
87) Chrysene	21.509	228	585772	4.390	ng/ul	99
90) Benzo(b)fluoranthene	23.550	252	610130	4.539	ng/ul	99
91) Benzo(k)fluoranthene	23.615	252	602399	4.535	ng/ul	98
93) Benzo(a)pyrene	24.374	252	565159	4.513	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.973	276	726591	4.528	ng/ul	99
95) Dibenzo(a,h)anthracene	28.032	278	584844	4.538	ng/ul	99
96) Benzo(g,h,i)perylene	29.038	276	562313	4.435	ng/ul	97

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

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