

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049718.D
 Acq On : 14 Mar 2025 10:39
 Operator : RC/JU
 Sample : SSTD00584
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005027

Quant Time: Mar 14 14:08:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:07:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	420779	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1549753	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	1125054	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	2372218	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	2314455	20.000	ng/u1	0.00
88) Perylene-d12	24.433	264	2140578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	19302	1.770	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	7.334	132	110873	4.374	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.951	128	50847	4.341	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	50440	4.202	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	112412	4.309	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.845	166	378620	4.565	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	414636	4.259	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.433	176	321456	4.414	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.280	188	507325	4.197	ng/u1	0.00
81) Pyrene-d10	19.568	212	548150	4.171	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.221	264	445050	3.875	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	20605	1.803	ng/uL	94
12) 2-Chlorophenol	7.363	128	117644	4.421	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.604	70	98358	4.344	ng/u1	99
19) Hexachloroethane	8.881	117	52388	4.388	ng/u1	99
22) Nitrobenzene	8.992	77	136478	4.431	ng/u1	95
23) Isophorone	9.522	82	256607	4.535	ng/u1	98
25) 2-Nitrophenol	9.704	139	57509	4.245	ng/u1	97
26) 2,4-Dimethylphenol	9.775	107	117966	4.525	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.004	93	166127	4.711	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	119573	4.544	ng/u1	96
30) Naphthalene	10.645	128	368856	4.534	ng/u1	99
33) Hexachlorobutadiene	10.939	225	89247	4.744	ng/u1	99
35) 4-Chloro-3-methylphenol	11.881	107	104263	4.444	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	270999	4.687	ng/u1	96
37) 1-Methylnaphthalene	12.480	142	263146	4.601	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	174005	4.369	ng/u1	98
41) 2,4,6-Trichlorophenol	12.869	196	96131	4.289	ng/u1	99
42) 2,4,5-Trichlorophenol	12.939	196	103335	4.209	ng/u1	96
43) 1,1'-Biphenyl	13.275	154	376543	4.419	ng/u1	99
44) 2-Chloronaphthalene	13.310	162	299344	4.400	ng/u1	98
45) 2-Nitroaniline	13.510	65	65733	3.816	ng/u1	97
47) Dimethylphthalate	13.892	163	382464	4.628	ng/u1	100
48) 2,6-Dinitrotoluene	14.010	165	61847	4.141	ng/u1	100
50) Acenaphthylene	14.157	152	435977	4.345	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.504	153	315158	4.361	ng/ul	100
56) Dibenzofuran	14.839	168	458078	4.544	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	92608	4.273	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.063	232	82728	4.293	ng/ul	93
59) Diethylphthalate	15.263	149	360850	4.521	ng/ul	99
61) Fluorene	15.486	166	379624	4.290	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	202403	4.327	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	306191	4.217	ng/ul	97
68) 4-Bromophenyl-phenylether	16.374	248	114512	4.244	ng/ul	98
69) Hexachlorobenzene	16.492	284	133388	4.266	ng/ul	98
72) Phenanthrene	17.221	178	580404	4.214	ng/ul	100
74) Anthracene	17.315	178	576114	4.138	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	166189	4.099	ng/uL	100
76) Pentachlorobenzene	14.757	250	168110	4.228	ng/uL	98
78) Di-n-butylphthalate	18.151	149	574836	4.123	ng/ul	100
80) Fluoranthene	19.239	202	646196	4.257	ng/ul	99
82) Pyrene	19.598	202	688177	4.152	ng/ul	98
83) Butylbenzylphthalate	20.503	149	209631	3.881	ng/ul	99
85) Benzo(a)anthracene	21.403	228	689232	4.292	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	316410	3.720	ng/ul	99
87) Chrysene	21.462	228	602904	4.093	ng/ul	99
90) Benzo(b)fluoranthene	23.474	252	575847	4.051	ng/ul	99
91) Benzo(k)fluoranthene	23.539	252	562138	3.889	ng/ul	99
93) Benzo(a)pyrene	24.286	252	512195	3.931	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.821	276	584072	3.729	ng/ul	98
95) Dibenzo(a,h)anthracene	27.879	278	467035	3.639	ng/ul	98
96) Benzo(g,h,i)perylene	28.874	276	447978	3.769	ng/ul	96

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

