

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049398.D
 Acq On : 23 Jan 2025 01:17
 Operator : RC/JU
 Sample : Q1139-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZJ6

Quant Time: Jan 23 10:04:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	279404	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	1023000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	651502	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1352633	20.000	ng/ul	0.00
79) Chrysene-d12	21.150	240	1521222	20.000	ng/ul	0.00
88) Perylene-d12	23.932	264	1524409	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	17712	2.623	ng/uL	0.00
4) Pyridine-d5	3.522	84	56502	2.628	ng/ul	0.01
7) Phenol-d5	6.710	99	318956	13.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	232637	14.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	253946	14.154	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	241605	13.284	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	113480	14.547	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	116272	13.333	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	249420	14.016	ng/ul	0.00
31) 4-Chloroaniline-d4	10.433	131	62270	2.659	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	706320	14.566	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	793563	14.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	64481	8.030	ng/ul	0.00
60) Fluorene-d10	15.157	176	602060	14.372	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	59086	6.854	ng/ul	0.00
73) Anthracene-d10	17.009	188	941275	14.077	ng/ul	0.00
81) Pyrene-d10	19.315	212	922087	9.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	490346	5.992	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.675	77	18613	1.472	ng/ul	95
8) Phenol	6.739	94	74640	3.061	ng/ul	95
16) Acetophenone	8.334	105	320119	10.777	ng/ul	94
30) Naphthalene	10.327	128	288358	5.311	ng/ul	98
36) 2-Methylnaphthalene	11.951	142	74936	1.929	ng/ul	99
50) Acenaphthylene	13.874	152	640925	11.294	ng/ul	100
56) Dibenzofuran	14.563	168	147576	2.563	ng/ul	96
61) Fluorene	15.210	166	129837	2.760	ng/ul	99
71) Pentachlorophenol	16.568	266	42980	3.627	ng/ul	97
72) Phenanthrene	16.951	178	1550894	20.624	ng/ul	99
74) Anthracene	17.045	178	4300509	56.976	ng/ul	100
77) Carbazole	17.321	167	1699568	25.379	ng/ul	99
80) Fluoranthene	18.986	202	13210656	124.182	ng/ul	100
82) Pyrene	19.350	202	9942357	87.799	ng/ul	99
85) Benzo(a)anthracene	21.133	228	7455745	70.329	ng/ul	92
87) Chrysene	21.197	228	13050786	134.848	ng/ul	97
90) Benzo(b)fluoranthene	23.085	252	17470908	171.228	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	5552855	54.582	ng/ul	97
93) Benzo(a)pyrene	23.803	252	2080914	22.579	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.026	276	2267601	21.449	ng/ul	97
95) Dibenzo(a,h)anthracene	27.062	278	1043913	12.123	ng/ul	95
96) Benzo(g,h,i)perylene	27.973	276	200468	2.540	ng/ul#	92

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

