

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
 Data File : BM048241.D
 Acq On : 26 Oct 2024 10:35
 Operator : RC/JU
 Sample : SSTD00548
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005034

Quant Time: Oct 27 23:25:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:07:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	231532	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	957828	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	637857	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1345112	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1346679	20.000	ng/u1	0.00
88) Perylene-d12	24.280	264	1546013	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	11766	1.930	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	7.258	132	68713	4.236	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.875	128	33211	4.109	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	33427	3.737	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	65122	4.134	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.775	166	222593	4.805	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	238170	4.324	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.357	176	189466	4.790	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.204	188	296424	4.647	ng/u1	0.00
81) Pyrene-d10	19.498	212	346213	4.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	362545	4.390	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	12040	1.886	ng/uL	97
12) 2-Chlorophenol	7.287	128	74318	4.547	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.528	70	57505	5.426	ng/u1	98
19) Hexachloroethane	8.799	117	31901	4.591	ng/u1	97
22) Nitrobenzene	8.922	77	79359	4.537	ng/u1	97
23) Isophorone	9.451	82	156317	4.673	ng/u1	99
25) 2-Nitrophenol	9.634	139	37760	3.959	ng/u1	96
26) 2,4-Dimethylphenol	9.699	107	74733	4.498	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.928	93	97822	4.668	ng/u1	98
29) 2,4-Dichlorophenol	10.169	162	69392	4.398	ng/u1	99
30) Naphthalene	10.563	128	252292	4.765	ng/u1	98
33) Hexachlorobutadiene	10.845	225	50746	4.865	ng/u1	99
35) 4-Chloro-3-methylphenol	11.816	107	67858	4.474	ng/u1	97
36) 2-Methylnaphthalene	12.181	142	165770	4.811	ng/u1	99
37) 1-Methylnaphthalene	12.398	142	171254	4.934	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.551	216	90377	4.349	ng/u1	97
41) 2,4,6-Trichlorophenol	12.798	196	54017	3.952	ng/u1	93
42) 2,4,5-Trichlorophenol	12.881	196	54299	3.773	ng/u1	94
43) 1,1'-Biphenyl	13.198	154	227254	4.613	ng/u1	99
44) 2-Chloronaphthalene	13.239	162	173252	4.435	ng/u1	99
45) 2-Nitroaniline	13.451	65	41103	4.048	ng/u1	96
47) Dimethylphthalate	13.822	163	221919	4.764	ng/u1	99
48) 2,6-Dinitrotoluene	13.945	165	36846	3.982	ng/u1	98
50) Acenaphthylene	14.086	152	265530	4.456	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.428	153	199313	4.834	ng/ul	98
56) Dibenzofuran	14.763	168	273877	4.855	ng/ul	99
57) 2,4-Dinitrotoluene	14.739	165	54690	4.161	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.998	232	53155	4.578	ng/ul#	98
59) Diethylphthalate	15.186	149	222695	4.820	ng/ul	99
61) Fluorene	15.416	166	223427	5.068	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.410	204	109626	5.000	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	183650	4.540	ng/ul	98
68) 4-Bromophenyl-phenylether	16.304	248	66851	4.581	ng/ul	99
69) Hexachlorobenzene	16.416	284	82850	4.804	ng/ul	99
72) Phenanthrene	17.151	178	355752	4.835	ng/ul	98
74) Anthracene	17.239	178	345425	4.678	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	95490	4.223	ng/uL	99
76) Pentachlorobenzene	14.686	250	103538	4.702	ng/uL	96
78) Di-n-butylphthalate	18.074	149	378547	4.394	ng/ul	99
80) Fluoranthene	19.163	202	399929	4.177	ng/ul	98
82) Pyrene	19.527	202	449460	4.407	ng/ul	98
83) Butylbenzylphthalate	20.427	149	162043	3.657	ng/ul	99
85) Benzo(a)anthracene	21.315	228	445936	4.554	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	243521	3.802	ng/ul	98
87) Chrysene	21.374	228	429220	4.652	ng/ul	99
90) Benzo(b)fluoranthene	23.351	252	431736	4.433	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	447066	4.610	ng/ul	100
93) Benzo(a)pyrene	24.145	252	399123	4.403	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.603	276	494807	4.210	ng/ul	99
95) Dibenzo(a,h)anthracene	27.656	278	407558	4.292	ng/ul	96
96) Benzo(g,h,i)perylene	28.644	276	382653	4.184	ng/ul	97

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

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