

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091024\
 Data File : BM047468.D
 Acq On : 10 Sep 2024 19:22
 Operator : RC/JU
 Sample : SSTD04033
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040016

Quant Time: Sep 11 00:21:59 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	406348	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1785378	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	1071768	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2156864	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	2030034	20.000	ng/u1	0.00
88) Perylene-d12	24.521	264	2203311	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	159964	15.596	ng/uL	0.00
4) Pyridine-d5	3.710	84	1291170	46.151	ng/u1	0.00
7) Phenol-d5	7.028	99	1507469	48.836	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	947951	46.673	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	1206408	46.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	1210142	49.488	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	587852	41.032	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	578915	37.002	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	1125322	37.463	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	1739955	44.074	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	3236833	39.498	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	3985664	43.572	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	640409	40.418	ng/u1	0.00
60) Fluorene-d10	15.492	176	2816199	40.173	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	459481	33.719	ng/u1	0.00
73) Anthracene-d10	17.339	188	4288578	41.943	ng/u1	0.00
81) Pyrene-d10	19.621	212	4940969	42.518	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.315	264	4963125	42.778	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	170686	14.955	ng/uL	99
5) Pyridine	3.734	79	1333922	48.160	ng/u1	99
6) Benzaldehyde	7.010	77	889662m	50.178	ng/u1	
8) Phenol	7.051	94	1549141	49.833	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	1238416	46.739	ng/u1	99
12) 2-Chlorophenol	7.434	128	1246311	47.048	ng/u1	99
13) 2-Methylphenol	8.304	108	1181695	49.901	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	1844306	58.086	ng/u1	99
16) Acetophenone	8.692	105	1953330	50.752	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	1067360	52.589	ng/u1	97
18) 4-Methylphenol	8.639	108	1304751	50.994	ng/u1	96
19) Hexachloroethane	8.963	117	518564	40.186	ng/u1	99
22) Nitrobenzene	9.069	77	1437666	37.560	ng/u1	98
23) Isophorone	9.598	82	2846109	43.456	ng/u1	99
25) 2-Nitrophenol	9.781	139	663847	38.787	ng/u1	99
26) 2,4-Dimethylphenol	9.839	107	1330838	39.449	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.081	93	1702891	42.177	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	1134850	37.880	ng/u1	99
30) Naphthalene	10.722	128	3999181	42.306	ng/u1	99
32) 4-Chloroaniline	10.822	127	1726107	45.024	ng/u1	100
33) Hexachlorobutadiene	11.016	225	647903	29.976	ng/u1	99
34) Caprolactam	11.580	113	396775m	43.734	ng/u1	
35) 4-Chloro-3-methylphenol	11.939	107	1268470	41.061	ng/u1	99
36) 2-Methylnaphthalene	12.333	142	2768943	41.950	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	2803097	41.951	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	1332018	39.628	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	833236	37.632	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	844379	38.379	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	923463	38.876	ng/ul	100
43) 1,1'-Biphenyl	13.339	154	3500687	43.659	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	2669348	41.922	ng/ul	99
45) 2-Nitroaniline	13.569	65	837470	43.280	ng/ul	99
47) Dimethylphthalate	13.963	163	3273326	39.807	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	644847	40.340	ng/ul	100
50) Acenaphthylene	14.221	152	4290280	44.409	ng/ul	100
51) 3-Nitroaniline	14.392	138	724079	44.477	ng/ul	96
52) Acenaphthene	14.569	153	3020804	43.373	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	324684	28.786	ng/ul	98
55) 4-Nitrophenol	14.692	109	552070	34.426	ng/ul	96
56) Dibenzofuran	14.904	168	3873993	39.633	ng/ul	98
57) 2,4-Dinitrotoluene	14.851	165	938531	38.419	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.121	232	705595	33.413	ng/ul	99
59) Diethylphthalate	15.327	149	3480218	39.342	ng/ul	99
61) Fluorene	15.545	166	3523195	43.700	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1626584	40.983	ng/ul	99
63) 4-Nitroaniline	15.551	138	763420	47.452	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.616	198	519366	34.832	ng/ul#	96
67) N-Nitrosodiphenylamine	15.751	169	2766235	43.269	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	914260	39.162	ng/ul	98
69) Hexachlorobenzene	16.551	284	1038575	37.781	ng/ul	96
70) Atrazine	16.704	200	948764	37.825	ng/ul	98
71) Pentachlorophenol	16.886	266	642072	34.499	ng/ul	99
72) Phenanthrene	17.280	178	5093524	42.128	ng/ul	99
74) Anthracene	17.374	178	5199160	42.640	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	1296310	41.772	ng/uL	99
76) Pentachlorobenzene	14.821	250	1253343	39.018	ng/uL	99
77) Carbazole	17.633	167	4811541	42.566	ng/ul	100
78) Di-n-butylphthalate	18.215	149	6326056	44.010	ng/ul	100
80) Fluoranthene	19.286	202	5879279	42.333	ng/ul	99
82) Pyrene	19.651	202	6285058	42.471	ng/ul	97
83) Butylbenzylphthalate	20.550	149	2880640	44.537	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.368	252	2018994	40.570	ng/ul	98
85) Benzo(a)anthracene	21.450	228	6062031	40.887	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	4385415	46.444	ng/ul	98
87) Chrysene	21.515	228	5562587	39.338	ng/ul	99
89) Di-n-octyl phthalate	22.556	149	7429788	47.799	ng/ul	100
90) Benzo(b)fluoranthene	23.556	252	5937588	43.566	ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	5818655	43.203	ng/ul	99
93) Benzo(a)pyrene	24.386	252	5511053	43.404	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.985	276	6746567	41.472	ng/ul	100
95) Dibenzo(a,h)anthracene	28.050	278	5507398	42.148	ng/ul	99
96) Benzo(g,h,i)perylene	29.062	276	5154282	40.101	ng/ul	99

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

