

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047916.D
 Acq On : 08 Oct 2024 17:06
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020169

Quant Time: Oct 08 18:05:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	261795	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1088232	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	662207	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1299673	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1158880	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1279566	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	51092	6.307	ng/uL	0.00
4) Pyridine-d5	3.663	84	381491	16.083	ng/u1	0.00
7) Phenol-d5	6.963	99	445416	17.993	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	275246	15.669	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	371278	20.614	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	351377	19.091	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	176934	20.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	185165	22.300	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	356645	21.502	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	485857	18.947	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	954209	19.875	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	1137831	19.989	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	175950	18.407	ng/u1	0.00
60) Fluorene-d10	15.421	176	828555	19.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	132489	17.420	ng/u1	0.00
73) Anthracene-d10	17.268	188	1248010	19.529	ng/u1	0.00
81) Pyrene-d10	19.556	212	1380514	20.989	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.185	264	1301720	19.607	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	57663	6.517	ng/uL	88
5) Pyridine	3.687	79	401757	16.089	ng/u1	90
6) Benzaldehyde	6.934	77	255598	18.986	ng/u1	94
8) Phenol	6.987	94	453030	17.199	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.216	93	370366	17.646	ng/u1	91
12) 2-Chlorophenol	7.357	128	372500	19.522	ng/u1	92
13) 2-Methylphenol	8.239	108	342190	18.631	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.316	45	555038	14.048	ng/u1#	95
16) Acetophenone	8.616	105	566268	17.981	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.598	70	283013	16.967	ng/u1#	88
18) 4-Methylphenol	8.563	108	369488	17.901	ng/u1	100
19) Hexachloroethane	8.875	117	156923	18.297	ng/u1	86
22) Nitrobenzene	8.992	77	419897	17.060	ng/u1	91
23) Isophorone	9.522	82	791539	17.977	ng/u1	95
25) 2-Nitrophenol	9.698	139	201835	21.248	ng/u1	89
26) 2,4-Dimethylphenol	9.763	107	382584	18.797	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.998	93	483997	17.972	ng/u1	99
29) 2,4-Dichlorophenol	10.233	162	352752	20.596	ng/u1	98
30) Naphthalene	10.639	128	1204510	19.243	ng/u1	100
32) 4-Chloroaniline	10.745	127	468060	18.537	ng/u1	99
33) Hexachlorobutadiene	10.927	225	227431	20.097	ng/u1	99
34) Caprolactam	11.516	113	102833	18.773	ng/u1	79
35) 4-Chloro-3-methylphenol	11.874	107	349438	19.709	ng/u1	96
36) 2-Methylnaphthalene	12.251	142	785017	19.738	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	816871	20.187	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.621	216	421620	19.559	ng/ul#	95
40) Hexachlorocyclopentadiene	12.604	237	203205	15.585	ng/ul	98
41) 2,4,6-Trichlorophenol	12.863	196	267605	21.456	ng/ul	98
42) 2,4,5-Trichlorophenol	12.933	196	286747	21.024	ng/ul	96
43) 1,1'-Biphenyl	13.263	154	1018564	19.211	ng/ul#	98
44) 2-Chloronaphthalene	13.304	162	811476	19.789	ng/ul	97
45) 2-Nitroaniline	13.504	65	219606	16.870	ng/ul#	81
47) Dimethylphthalate	13.886	163	958755	19.718	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	184654	21.624	ng/ul	87
50) Acenaphthylene	14.151	152	1324036	20.625	ng/ul	99
51) 3-Nitroaniline	14.327	138	199841	19.337	ng/ul	92
52) Acenaphthene	14.492	153	862353	19.003	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	80615	15.278	ng/ul#	75
55) 4-Nitrophenol	14.639	109	131567	16.393	ng/ul	92
56) Dibenzofuran	14.827	168	1175069	19.237	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	269169	20.988	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.057	232	239545	22.281	ng/ul#	93
59) Diethylphthalate	15.251	149	964063	19.817	ng/ul	98
61) Fluorene	15.474	166	968498	19.004	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.468	204	478712	19.879	ng/ul	96
63) 4-Nitroaniline	15.486	138	208052	20.728	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.551	198	148366	17.605	ng/ul#	88
67) N-Nitrosodiphenylamine	15.680	169	785645	19.399	ng/ul	99
68) 4-Bromophenyl-phenylether	16.362	248	285284	21.295	ng/ul	95
69) Hexachlorobenzene	16.480	284	329669	21.146	ng/ul	94
70) Atrazine	16.633	200	239361	17.755	ng/ul	97
71) Pentachlorophenol	16.821	266	205418	20.721	ng/ul	99
72) Phenanthrene	17.209	178	1470076	19.288	ng/ul	99
74) Anthracene	17.304	178	1515385	19.494	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.227	216	410146	19.060	ng/ul	99
76) Pentachlorobenzene	14.751	250	400412	19.063	ng/ul	98
77) Carbazole	17.568	167	1344901	19.087	ng/ul	99
78) Di-n-butylphthalate	18.133	149	1609995	20.524	ng/ul	98
80) Fluoranthene	19.221	202	1643394	21.215	ng/ul	98
82) Pyrene	19.586	202	1724765	20.005	ng/ul	95
83) Butylbenzylphthalate	20.480	149	693705	22.759	ng/ul	84
84) 3,3'-Dichlorobenzidine	21.297	252	480888	19.638	ng/ul	98
85) Benzo(a)anthracene	21.374	228	1643257	20.252	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.297	149	1030665	22.522	ng/ul	97
87) Chrysene	21.439	228	1536609	19.425	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1732830	20.995	ng/ul	100
90) Benzo(b)fluoranthene	23.444	252	1584377	19.855	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	1590799	19.497	ng/ul	99
93) Benzo(a)pyrene	24.250	252	1499152	19.782	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.773	276	1813704	18.675	ng/ul	98
95) Dibenzo(a,h)anthracene	27.826	278	1518106	19.074	ng/ul	99
96) Benzo(g,h,i)perylene	28.826	276	1474454	19.377	ng/ul	97

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

