

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047879.D
 Acq On : 07 Oct 2024 10:00
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020165

Quant Time: Oct 07 10:44:41 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	7.798	152	281605	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1152867	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	711060	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1425303	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1298351	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1479474	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	53786	6.172	ng/uL	0.00
4) Pyridine-d5	3.663	84	399219	15.647	ng/u1	0.00
7) Phenol-d5	6.969	99	467167	17.544	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	283327	14.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	388312	20.043	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	365508	18.462	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	187442	20.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	200778	22.825	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	371429	21.137	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	518240	19.076	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1002298	19.442	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1192766	19.514	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	189128	18.426	ng/u1	0.00
60) Fluorene-d10	15.421	176	858927	19.235	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	149528	17.928	ng/u1	0.00
73) Anthracene-d10	17.268	188	1321495	18.856	ng/u1	0.00
81) Pyrene-d10	19.556	212	1502565	20.391	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1475326	19.220	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	58684	6.165	ng/uL	91
5) Pyridine	3.687	79	416094	15.491	ng/u1	89
6) Benzaldehyde	6.939	77	240941	16.638	ng/u1	90
8) Phenol	6.992	94	470548	16.607	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.222	93	383079	16.968	ng/u1	91
12) 2-Chlorophenol	7.363	128	388359	18.922	ng/u1	91
13) 2-Methylphenol	8.239	108	359749	18.209	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	571626	13.450	ng/u1#	94
16) Acetophenone	8.616	105	582249	17.187	ng/u1#	91
17) N-Nitroso-di-n-propyla...	8.604	70	293130	16.337	ng/u1#	89
18) 4-Methylphenol	8.569	108	389831	17.558	ng/u1	96
19) Hexachloroethane	8.875	117	165983	17.992	ng/u1	92
22) Nitrobenzene	8.992	77	433482	16.624	ng/u1	91
23) Isophorone	9.522	82	826749	17.724	ng/u1	95
25) 2-Nitrophenol	9.704	139	212890	21.155	ng/u1#	87
26) 2,4-Dimethylphenol	9.769	107	402599	18.671	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.998	93	508090	17.809	ng/u1	96
29) 2,4-Dichlorophenol	10.239	162	364448	20.086	ng/u1	98
30) Naphthalene	10.639	128	1250408	18.856	ng/u1	100
32) 4-Chloroaniline	10.745	127	489043	18.282	ng/u1	99
33) Hexachlorobutadiene	10.933	225	237788	19.835	ng/u1	98
34) Caprolactam	11.516	113	113282	19.521	ng/u1#	73
35) 4-Chloro-3-methylphenol	11.874	107	368742	19.632	ng/u1	96
36) 2-Methylnaphthalene	12.251	142	821693	19.501	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	849626	19.819	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.621	216	441083	19.056	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	237862	16.990	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	284302	21.228	ng/ul	98
42) 2,4,5-Trichlorophenol	12.933	196	298571	20.387	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	1058394	18.591	ng/ul#	97
44) 2-Chloronaphthalene	13.310	162	833492	18.930	ng/ul	97
45) 2-Nitroaniline	13.510	65	230425	16.485	ng/ul#	79
47) Dimethylphthalate	13.886	163	1014622	19.434	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	196307	21.410	ng/ul	87
50) Acenaphthylene	14.157	152	1375685	19.957	ng/ul	100
51) 3-Nitroaniline	14.333	138	208620	18.799	ng/ul	86
52) Acenaphthene	14.498	153	899650	18.463	ng/ul	99
53) 2,4-Dinitrophenol	14.539	184	92547	16.335	ng/ul#	75
55) 4-Nitrophenol	14.645	109	140864	16.346	ng/ul	87
56) Dibenzofuran	14.833	168	1224964	18.676	ng/ul	96
57) 2,4-Dinitrotoluene	14.792	165	286949	20.837	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.057	232	254352	22.033	ng/ul#	98
59) Diethylphthalate	15.251	149	1015122	19.433	ng/ul	99
61) Fluorene	15.480	166	1002233	18.315	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	497253	19.230	ng/ul	96
63) 4-Nitroaniline	15.492	138	206616	19.171	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.557	198	165990	17.960	ng/ul#	86
67) N-Nitrosodiphenylamine	15.686	169	823324	18.537	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	301276	20.506	ng/ul	93
69) Hexachlorobenzene	16.486	284	350946	20.526	ng/ul	91
70) Atrazine	16.633	200	254134	17.189	ng/ul	99
71) Pentachlorophenol	16.827	266	220595	20.291	ng/ul	100
72) Phenanthrene	17.215	178	1548032	18.521	ng/ul	100
74) Anthracene	17.304	178	1585216	18.595	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	423802	17.959	ng/ul	98
76) Pentachlorobenzene	14.757	250	423534	18.387	ng/ul	99
77) Carbazole	17.574	167	1428364	18.485	ng/ul	98
78) Di-n-butylphthalate	18.139	149	1737190	20.193	ng/ul	98
80) Fluoranthene	19.227	202	1775677	20.460	ng/ul	97
82) Pyrene	19.586	202	1857019	19.225	ng/ul	96
83) Butylbenzylphthalate	20.480	149	779214	22.818	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.303	252	568106	20.708	ng/ul	100
85) Benzo(a)anthracene	21.380	228	1793081	19.724	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.303	149	1148359	22.398	ng/ul#	97
87) Chrysene	21.444	228	1682476	18.985	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	1998341	20.941	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	1767099	19.153	ng/ul	98
91) Benzo(k)fluoranthene	23.515	252	1790133	18.975	ng/ul	99
93) Benzo(a)pyrene	24.256	252	1697287	19.370	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.785	276	2054804	18.299	ng/ul	98
95) Dibenzo(a,h)anthracene	27.838	278	1707905	18.559	ng/ul	97
96) Benzo(g,h,i)perylene	28.838	276	1669607	18.977	ng/ul	96

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

