

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035963.D
 Acq On : 27 Jul 2022 23:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020134

Quant Time: Jul 27 23:56:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	314800	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	1321175	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.521	164	782224	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	1590148	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1491833	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1513616	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	61894	7.398	ng/uL	0.00
4) Pyridine-d5	3.693	84	420354	18.341	ng/u1	0.00
7) Phenol-d5	7.051	99	502078	19.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	328159	18.647	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	448414	20.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	413428	19.331	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	219913	21.006	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	229079	22.459	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	391989	21.249	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	630684	20.195	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	1124446	21.103	ng/u1	0.00
49) Acenaphthylene-d8	14.215	160	1425623	20.970	ng/u1	0.00
54) 4-Nitrophenol-d4	14.721	143	216456	19.783	ng/u1	0.00
60) Fluorene-d10	15.510	176	992867	20.621	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	163678	19.149	ng/u1	0.00
73) Anthracene-d10	17.356	188	1499903	20.863	ng/u1	0.00
81) Pyrene-d10	19.650	212	1682297	20.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	1568340	20.409	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	67042	7.733	ng/uL	97
5) Pyridine	3.716	79	445650	18.530	ng/u1	88
6) Benzaldehyde	7.022	77	207371	18.716	ng/u1	96
8) Phenol	7.075	94	545817	18.893	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	442111	19.035	ng/u1	96
12) 2-Chlorophenol	7.445	128	462634	20.581	ng/u1	97
13) 2-Methylphenol	8.334	108	411955	19.088	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.422	45	579399	18.899	ng/u1	96
16) Acetophenone	8.716	105	652510	19.003	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.698	70	331603	19.366	ng/u1	94
18) 4-Methylphenol	8.663	108	442147	19.097	ng/u1	97
19) Hexachloroethane	8.963	117	195180	21.045	ng/u1	94
22) Nitrobenzene	9.092	77	477722	19.941	ng/u1	97
23) Isophorone	9.622	82	917432	20.287	ng/u1	99
25) 2-Nitrophenol	9.804	139	248283	21.941	ng/u1	97
26) 2,4-Dimethylphenol	9.869	107	472563	20.438	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.104	93	572246	20.063	ng/u1	100
29) 2,4-Dichlorophenol	10.339	162	405269	21.166	ng/u1	97
30) Naphthalene	10.739	128	1429413	20.498	ng/u1	99
32) 4-Chloroaniline	10.857	127	627197	20.217	ng/u1	97
33) Hexachlorobutadiene	11.022	225	257418	21.778	ng/u1	97
34) Caprolactam	11.633	113	132060	20.869	ng/u1	90
35) 4-Chloro-3-methylphenol	11.980	107	416808	20.935	ng/u1	96
36) 2-Methylnaphthalene	12.351	142	937310	20.544	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	934072	20.311	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	464374	20.855	ng/ul	99
40) Hexachlorocyclopentadiene	12.692	237	287767	19.405	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	310606	21.798	ng/ul	97
42) 2,4,5-Trichlorophenol	13.027	196	328473	21.604	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1227178	20.383	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	943794	20.426	ng/ul	98
45) 2-Nitroaniline	13.610	65	265508	20.843	ng/ul	93
47) Dimethylphthalate	13.986	163	1126771	21.023	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	234280	22.017	ng/ul	95
50) Acenaphthylene	14.245	152	1542855	20.515	ng/ul	100
51) 3-Nitroaniline	14.433	138	179571	15.270	ng/ul	97
52) Acenaphthene	14.586	153	991177	20.315	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	112186	18.569	ng/ul	96
55) 4-Nitrophenol	14.739	109	161715	19.324	ng/ul	88
56) Dibenzofuran	14.915	168	1390919	20.604	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	328210	21.882	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	264557	22.146	ng/ul#	98
59) Diethylphthalate	15.345	149	1168957	21.563	ng/ul	99
61) Fluorene	15.568	166	1120980	20.328	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.562	204	542383	20.528	ng/ul	98
63) 4-Nitroaniline	15.586	138	165136	15.253	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.651	198	167618	19.597	ng/ul#	98
67) N-Nitrosodiphenylamine	15.774	169	943219	20.177	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	327049	20.979	ng/ul	98
69) Hexachlorobenzene	16.562	284	394050	20.746	ng/ul	99
70) Atrazine	16.727	200	337803	20.833	ng/ul	100
71) Pentachlorophenol	16.909	266	227558	19.611	ng/ul	98
72) Phenanthrene	17.304	178	1720124	20.183	ng/ul	98
74) Anthracene	17.392	178	1758022	20.557	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.321	216	481788	19.483	ng/ul	97
76) Pentachlorobenzene	14.833	250	454064	20.257	ng/ul	99
77) Carbazole	17.668	167	1605078	20.321	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2056846	23.080	ng/ul	100
80) Fluoranthene	19.315	202	2006332	20.310	ng/ul	98
82) Pyrene	19.680	202	2045299	20.087	ng/ul	96
83) Butylbenzylphthalate	20.580	149	876676	23.673	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.356	252	614994	22.340	ng/ul	99
85) Benzo(a)anthracene	21.421	228	1954797	20.818	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.350	149	1302490	24.341	ng/ul	99
87) Chrysene	21.474	228	1894933	20.683	ng/ul	100
89) Di-n-octyl phthalate	22.268	149	2162142	22.120	ng/ul	100
90) Benzo(b)fluoranthene	23.085	252	2021089	20.008	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	1878397	19.596	ng/ul	97
93) Benzo(a)pyrene	23.703	252	1946247	20.228	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.279	276	2280388	22.235	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.297	278	1962700	22.307	ng/ul	96
96) Benzo(g,h,i)perylene	27.038	276	1927328	22.678	ng/ul	95

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

