

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048084.D
 Acq On : 16 Oct 2024 12:36
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020183

Quant Time: Oct 16 13:34:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	384630	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1609373	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.416	164	992373	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1919921	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1621717	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1846892	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	71624	6.018	ng/uL	0.00
4) Pyridine-d5	3.652	84	509703	14.626	ng/u1	0.00
7) Phenol-d5	6.951	99	631393	17.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	375683	14.556	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	550628	20.808	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	499941	18.488	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	268172	20.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	298805	24.334	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	524726	21.391	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	703735	18.557	ng/u1	-0.01
46) Dimethylphthalate-d6	13.827	166	1395246	19.393	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1662421	19.488	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	264297	18.450	ng/u1	0.00
60) Fluorene-d10	15.410	176	1190013	19.095	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	186599	16.609	ng/u1	0.00
73) Anthracene-d10	17.257	188	1791839	18.980	ng/u1	0.00
81) Pyrene-d10	19.545	212	1970922	21.414	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	1850104	19.307	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	78127	6.010	ng/uL#	86
5) Pyridine	3.669	79	531909	14.498	ng/u1#	87
6) Benzaldehyde	6.922	77	367065	18.558	ng/u1	87
8) Phenol	6.981	94	634107	16.385	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.204	93	521366	16.907	ng/u1	87
12) 2-Chlorophenol	7.346	128	545115	19.445	ng/u1	90
13) 2-Methylphenol	8.228	108	496258	18.390	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	747164	12.871	ng/u1#	92
16) Acetophenone	8.598	105	775314	16.756	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.587	70	377287	15.395	ng/u1#	85
18) 4-Methylphenol	8.557	108	535364	17.654	ng/u1	97
19) Hexachloroethane	8.857	117	229078	18.180	ng/u1	84
22) Nitrobenzene	8.975	77	578179	15.884	ng/u1#	86
23) Isophorone	9.504	82	1116648	17.149	ng/u1#	94
25) 2-Nitrophenol	9.687	139	311377	22.165	ng/u1#	84
26) 2,4-Dimethylphenol	9.751	107	546730	18.163	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.981	93	691643	17.366	ng/u1	97
29) 2,4-Dichlorophenol	10.222	162	513407	20.269	ng/u1	97
30) Naphthalene	10.622	128	1734465	18.736	ng/u1	99
32) 4-Chloroaniline	10.728	127	664812	17.803	ng/u1	99
33) Hexachlorobutadiene	10.904	225	335537	20.049	ng/u1	98
34) Caprolactam	11.510	113	158579	19.576	ng/u1#	68
35) 4-Chloro-3-methylphenol	11.869	107	505897	19.294	ng/u1	93
36) 2-Methylnaphthalene	12.233	142	1145053	19.467	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1174280	19.623	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	609254	18.860	ng/ul#	95
40) Hexachlorocyclopentadiene	12.586	237	290540	14.870	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	406761	21.762	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	427803	20.931	ng/ul	96
43) 1,1'-Biphenyl	13.251	154	1453624	18.295	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	1166264	18.979	ng/ul	96
45) 2-Nitroaniline	13.498	65	310368	15.910	ng/ul#	70
47) Dimethylphthalate	13.874	163	1411109	19.366	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	293970	22.973	ng/ul#	80
50) Acenaphthylene	14.139	152	1882736	19.570	ng/ul	99
51) 3-Nitroaniline	14.322	138	314406	20.300	ng/ul	87
52) Acenaphthene	14.480	153	1227310	18.047	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	130600	16.517	ng/ul#	73
55) 4-Nitrophenol	14.645	109	201640	16.765	ng/ul	81
56) Dibenzofuran	14.816	168	1674999	18.298	ng/ul	95
57) 2,4-Dinitrotoluene	14.786	165	415957	21.642	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.045	232	354856	22.025	ng/ul#	94
59) Diethylphthalate	15.239	149	1410569	19.348	ng/ul	98
61) Fluorene	15.463	166	1328626	17.397	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	672572	18.637	ng/ul	93
63) 4-Nitroaniline	15.486	138	311377	20.701	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.551	198	203575	16.352	ng/ul#	82
67) N-Nitrosodiphenylamine	15.674	169	1113349	18.609	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	413385	20.888	ng/ul	96
69) Hexachlorobenzene	16.468	284	482990	20.972	ng/ul	93
70) Atrazine	16.621	200	383296	19.246	ng/ul	98
71) Pentachlorophenol	16.815	266	321262	21.937	ng/ul	98
72) Phenanthrene	17.198	178	2060450	18.300	ng/ul	100
74) Anthracene	17.292	178	2113621	18.406	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	592495	18.639	ng/ul	99
76) Pentachlorobenzene	14.739	250	587395	18.931	ng/ul	99
77) Carbazole	17.562	167	1877243	18.035	ng/ul	99
78) Di-n-butylphthalate	18.121	149	2440212	21.058	ng/ul#	98
80) Fluoranthene	19.215	202	2328607	21.481	ng/ul	98
82) Pyrene	19.574	202	2415393	20.020	ng/ul	97
83) Butylbenzylphthalate	20.468	149	1089282	25.538	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.292	252	694744	20.274	ng/ul	99
85) Benzo(a)anthracene	21.368	228	2312477	20.366	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1565560	24.447	ng/ul#	97
87) Chrysene	21.433	228	2166004	19.567	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	2761283	23.179	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	2275807	19.759	ng/ul	99
91) Benzo(k)fluoranthene	23.497	252	2290759	19.451	ng/ul	97
93) Benzo(a)pyrene	24.239	252	2154951	19.700	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.762	276	2645176	18.870	ng/ul	99
95) Dibenzo(a,h)anthracene	27.815	278	2199126	19.143	ng/ul	98
96) Benzo(g,h,i)perylene	28.815	276	2134542	19.435	ng/ul	98

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

