

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047887.D
 Acq On : 07 Oct 2024 17:06
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020166

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 07 17:55:26 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	235251	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	953541	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	590668	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1194120	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1125486	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1272659	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	46862	6.437	ng/uL	0.00
4) Pyridine-d5	3.663	84	338323	15.873	ng/u1	0.00
7) Phenol-d5	6.963	99	384018	17.263	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	235199	14.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	325255	20.096	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	301691	18.241	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	153267	20.188	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	163225	22.435	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	309087	21.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	422056	18.784	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	823575	19.232	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	983923	19.378	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	159127	18.663	ng/u1	0.00
60) Fluorene-d10	15.421	176	724148	19.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	118175	16.912	ng/u1	0.00
73) Anthracene-d10	17.268	188	1123484	19.134	ng/u1	0.00
81) Pyrene-d10	19.556	212	1287797	20.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1271320	19.253	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	51598	6.489	ng/uL	84
5) Pyridine	3.687	79	351169	15.649	ng/u1	87
6) Benzaldehyde	6.934	77	206825	17.096	ng/u1	91
8) Phenol	6.992	94	388258	16.403	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.222	93	313922	16.644	ng/u1	91
12) 2-Chlorophenol	7.363	128	327408	19.095	ng/u1	92
13) 2-Methylphenol	8.239	108	295709	17.917	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	471178	13.271	ng/u1#	93
16) Acetophenone	8.616	105	478617	16.912	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.604	70	238090	15.884	ng/u1#	87
18) 4-Methylphenol	8.569	108	318880	17.193	ng/u1	98
19) Hexachloroethane	8.881	117	140664	18.252	ng/u1	87
22) Nitrobenzene	8.992	77	356799	16.544	ng/u1	92
23) Isophorone	9.522	82	678992	17.600	ng/u1	95
25) 2-Nitrophenol	9.704	139	172416	20.715	ng/u1	89
26) 2,4-Dimethylphenol	9.769	107	334836	18.775	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.998	93	413541	17.525	ng/u1	97
29) 2,4-Dichlorophenol	10.239	162	304733	20.305	ng/u1	96
30) Naphthalene	10.639	128	1032622	18.827	ng/u1	100
32) 4-Chloroaniline	10.745	127	397949	17.987	ng/u1	99
33) Hexachlorobutadiene	10.928	225	196131	19.780	ng/u1	97
34) Caprolactam	11.516	113	93719m	19.526	ng/u1	
35) 4-Chloro-3-methylphenol	11.875	107	305322	19.654	ng/u1	96
36) 2-Methylnaphthalene	12.251	142	675397	19.380	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	699315	19.723	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	364316	18.947	ng/ul	95
40) Hexachlorocyclopentadiene	12.604	237	179114	15.402	ng/ul	100
41) 2,4,6-Trichlorophenol	12.863	196	235904	21.205	ng/ul	100
42) 2,4,5-Trichlorophenol	12.933	196	250428	20.585	ng/ul	97
43) 1,1'-Biphenyl	13.263	154	873939	18.480	ng/ul#	98
44) 2-Chloronaphthalene	13.304	162	697398	19.067	ng/ul	98
45) 2-Nitroaniline	13.504	65	185240	15.954	ng/ul#	84
47) Dimethylphthalate	13.886	163	832827	19.203	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	159469	20.937	ng/ul	86
50) Acenaphthylene	14.151	152	1139892	19.907	ng/ul	99
51) 3-Nitroaniline	14.333	138	177030	19.204	ng/ul	91
52) Acenaphthene	14.498	153	740469	18.293	ng/ul	100
53) 2,4-Dinitrophenol	14.539	184	71265	15.142	ng/ul#	77
55) 4-Nitrophenol	14.645	109	117267	16.381	ng/ul	87
56) Dibenzofuran	14.833	168	1020435	18.728	ng/ul	97
57) 2,4-Dinitrotoluene	14.792	165	234994	20.542	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.057	232	212773	22.188	ng/ul#	95
59) Diethylphthalate	15.251	149	839476	19.346	ng/ul	99
61) Fluorene	15.480	166	839822	18.475	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	409873	19.082	ng/ul	95
63) 4-Nitroaniline	15.492	138	189015	21.112	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.557	198	128003	16.531	ng/ul#	85
67) N-Nitrosodiphenylamine	15.686	169	692409	18.608	ng/ul	99
68) 4-Bromophenyl-phenylether	16.368	248	250199	20.327	ng/ul	97
69) Hexachlorobenzene	16.486	284	296843	20.723	ng/ul	91
70) Atrazine	16.633	200	215263	17.379	ng/ul	97
71) Pentachlorophenol	16.827	266	187247	20.558	ng/ul	99
72) Phenanthrene	17.215	178	1306452	18.656	ng/ul	99
74) Anthracene	17.304	178	1353489	18.950	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	352491	17.829	ng/ul	98
76) Pentachlorobenzene	14.751	250	353771	18.331	ng/ul	98
77) Carbazole	17.574	167	1211705	18.717	ng/ul	99
78) Di-n-butylphthalate	18.139	149	1464092	20.314	ng/ul	98
80) Fluoranthene	19.227	202	1529338	20.329	ng/ul	97
82) Pyrene	19.586	202	1607794	19.202	ng/ul	96
83) Butylbenzylphthalate	20.480	149	687176	23.214	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.303	252	467258	19.648	ng/ul	99
85) Benzo(a)anthracene	21.380	228	1568963	19.910	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	1008272	22.686	ng/ul	97
87) Chrysene	21.444	228	1459061	18.992	ng/ul	100
89) Di-n-octyl phthalate	22.433	149	1763900	21.488	ng/ul	100
90) Benzo(b)fluoranthene	23.450	252	1540406	19.409	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	1541577	18.996	ng/ul	99
93) Benzo(a)pyrene	24.256	252	1457780	19.340	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.785	276	1775352	18.379	ng/ul	98
95) Dibenzo(a,h)anthracene	27.832	278	1478333	18.675	ng/ul	97
96) Benzo(g,h,i)perylene	28.832	276	1447445	19.125	ng/ul	96

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

