

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090922\
 Data File : BM036536.D
 Acq On : 09 Sep 2022 13:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020173

Quant Time: Sep 09 16:03:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 02 01:33:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2022
 Supervised By :mohammad ahmed 09/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	233976	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	877877	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.368	164	600233	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1316241	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1221064	20.000	ng/u1	0.00
88) Perylene-d12	23.597	264	1032290	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	37256	6.068	ng/uL	0.00
4) Pyridine-d5	3.546	84	266151	15.720	ng/u1	-0.01
7) Phenol-d5	6.887	99	335699	16.809	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.051	67	221548	17.623	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.239	132	268823	17.131	ng/u1	-0.02
15) 4-Methylphenol-d8	8.434	113	223977	15.020	ng/u1	-0.02
21) Nitrobenzene-d5	8.881	128	124627	18.724	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.598	143	118375	17.533	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.139	165	217554	18.034	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.663	131	331083	17.704	ng/u1	-0.01
46) Dimethylphthalate-d6	13.786	166	680760	17.927	ng/u1	-0.01
49) Acenaphthylene-d8	14.057	160	819906	17.311	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.592	143	122244	16.990	ng/u1	-0.01
60) Fluorene-d10	15.362	176	634127	18.480	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	109261	16.146	ng/u1	0.00
73) Anthracene-d10	17.209	188	1018191	17.397	ng/u1	-0.01
81) Pyrene-d10	19.509	212	1128278	17.813	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.450	264	877414	17.336	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	38334	5.928	ng/uL	97
5) Pyridine	3.569	79	273795	15.655	ng/u1	96
6) Benzaldehyde	6.857	77	184940	22.543	ng/u1	91
8) Phenol	6.916	94	354718	17.083	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.145	93	284140	17.108	ng/u1	99
12) 2-Chlorophenol	7.275	128	281780	17.172	ng/u1	98
13) 2-Methylphenol	8.169	108	250186	16.345	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.245	45	394153	17.738	ng/u1	99
16) Acetophenone	8.545	105	372491	15.531	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.528	70	193674	16.224	ng/u1	94
18) 4-Methylphenol	8.498	108	246740	15.059	ng/u1	99
19) Hexachloroethane	8.781	117	112127	16.333	ng/u1	89
22) Nitrobenzene	8.922	77	319627	20.267	ng/u1	96
23) Isophorone	9.451	82	521185	18.610	ng/u1	97
25) 2-Nitrophenol	9.633	139	130139	17.302	ng/u1	94
26) 2,4-Dimethylphenol	9.698	107	267132	17.759	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.939	93	317901	17.436	ng/u1	100
29) 2,4-Dichlorophenol	10.163	162	224146	18.161	ng/u1	99
30) Naphthalene	10.557	128	798196	17.324	ng/u1	100
32) 4-Chloroaniline	10.686	127	335381	17.631	ng/u1	99
33) Hexachlorobutadiene	10.833	225	141157	18.205	ng/u1	98
34) Caprolactam	11.474	113	67376m	18.220	ng/u1	
35) 4-Chloro-3-methylphenol	11.822	107	242862	19.461	ng/u1	96
36) 2-Methylnaphthalene	12.180	142	547384	18.935	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	562269	19.313	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	270870	16.327	ng/ul#	97
40) Hexachlorocyclopentadiene	12.516	237	161391	16.398	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	179555	17.199	ng/ul	98
42) 2,4,5-Trichlorophenol	12.874	196	193612	17.484	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	750884	16.633	ng/ul	100
44) 2-Chloronaphthalene	13.239	162	567446	16.381	ng/ul	98
45) 2-Nitroaniline	13.463	65	173911	18.540	ng/ul	91
47) Dimethylphthalate	13.839	163	699573	17.897	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	138910	18.835	ng/ul#	87
50) Acenaphthylene	14.086	152	963636	17.253	ng/ul	100
51) 3-Nitroaniline	14.292	138	147017	18.228	ng/ul	99
52) Acenaphthene	14.427	153	629116	17.282	ng/ul	98
53) 2,4-Dinitrophenol	14.504	184	70904	17.641	ng/ul#	84
55) 4-Nitrophenol	14.610	109	107027	18.826	ng/ul	80
56) Dibenzofuran	14.768	168	894987	17.718	ng/ul	95
57) 2,4-Dinitrotoluene	14.751	165	205468	19.645	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.998	232	161930	19.260	ng/ul#	92
59) Diethylphthalate	15.198	149	761232	19.756	ng/ul	100
61) Fluorene	15.415	166	746912	18.643	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.415	204	357054	19.078	ng/ul	99
63) 4-Nitroaniline	15.457	138	146668m	19.494	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.510	198	109296	15.975	ng/ul#	87
67) N-Nitrosodiphenylamine	15.633	169	617925	16.421	ng/ul	98
68) 4-Bromophenyl-phenylether	16.309	248	211214	17.330	ng/ul	99
69) Hexachlorobenzene	16.409	284	254582	17.237	ng/ul	94
70) Atrazine	16.592	200	223984	17.420	ng/ul	97
71) Pentachlorophenol	16.768	266	150207	18.447	ng/ul	98
72) Phenanthrene	17.156	178	1175697	16.991	ng/ul	98
74) Anthracene	17.245	178	1210208	17.445	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	282436	14.301	ng/uL	98
76) Pentachlorobenzene	14.680	250	287645	15.598	ng/uL	98
77) Carbazole	17.527	167	1102572	16.975	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1373359	19.332	ng/ul	99
80) Fluoranthene	19.174	202	1362398	17.797	ng/ul	99
82) Pyrene	19.545	202	1416117	17.727	ng/ul	94
83) Butylbenzylphthalate	20.450	149	598337	20.021	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.233	252	405388	16.122	ng/ul	99
85) Benzo(a)anthracene	21.291	228	1290029	17.580	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	897236	21.744	ng/ul#	97
87) Chrysene	21.344	228	1223369	16.967	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1388112	22.620	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1150184	18.275	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	1044657	17.446	ng/ul	98
93) Benzo(a)pyrene	23.497	252	1074524	17.354	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.962	276	1135847	15.603	ng/ul	96
95) Dibenzo(a,h)anthracene	25.974	278	979622	15.621	ng/ul	97
96) Benzo(g,h,i)perylene	26.685	276	945911	15.195	ng/ul	98

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

