

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037876.D
 Acq On : 08 Dec 2022 08:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020066

Quant Time: Dec 08 21:24:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	191217	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	801207	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	476026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	942474	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	823335	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	931222	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	31665m	7.519	ng/uL	0.00
4) Pyridine-d5	3.863	84	229480	18.369	ng/ul	0.00
7) Phenol-d5	7.240	99	285718	18.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	176016	18.603	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	243814	19.128	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	229065	18.886	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	121178	19.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	128668	19.355	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	246469	19.519	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	327672	18.799	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	659274	19.426	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	814869	19.646	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	100221	17.328	ng/ul	0.00
60) Fluorene-d10	15.704	176	603150	19.948	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	84840	16.837	ng/ul	0.00
73) Anthracene-d10	17.551	188	872121	19.827	ng/ul	0.00
81) Pyrene-d10	19.833	212	945815	19.124	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	915790	19.689	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.458	88	33296	7.537	ng/uL	97
5) Pyridine	3.881	79	230529	18.362	ng/ul	99
6) Benzaldehyde	7.216	77	110558	19.023	ng/ul	99
8) Phenol	7.263	94	284549	18.259	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.504	93	241753	18.892	ng/ul	98
12) 2-Chlorophenol	7.646	128	251897	19.323	ng/ul	99
13) 2-Methylphenol	8.528	108	221297	18.556	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	439201	19.007	ng/ul	99
16) Acetophenone	8.916	105	365614	19.166	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.904	70	173496	19.307	ng/ul	98
18) 4-Methylphenol	8.863	108	243295	18.858	ng/ul	95
19) Hexachloroethane	9.175	117	101533	19.482	ng/ul	96
22) Nitrobenzene	9.304	77	261754	19.177	ng/ul	98
23) Isophorone	9.834	82	479752	19.181	ng/ul	98
25) 2-Nitrophenol	10.016	139	135953	19.507	ng/ul	96
26) 2,4-Dimethylphenol	10.069	107	261099	19.372	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.310	93	321995	19.366	ng/ul	99
29) 2,4-Dichlorophenol	10.551	162	244093	19.703	ng/ul	99
30) Naphthalene	10.957	128	842771	19.492	ng/ul	99
32) 4-Chloroaniline	11.069	127	322133	18.533	ng/ul	98
33) Hexachlorobutadiene	11.239	225	165636	20.324	ng/ul	98
34) Caprolactam	11.845	113	54857m	17.262	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	220870	19.586	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	550235	19.621	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	564148	19.674	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.916	216	304303	19.565	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	166224	18.682	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	184623	19.487	ng/ul	96
42) 2,4,5-Trichlorophenol	13.228	196	196636	19.901	ng/ul	96
43) 1,1'-Biphenyl	13.551	154	746189	19.501	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	578292	19.591	ng/ul	99
45) 2-Nitroaniline	13.804	65	134566	18.920	ng/ul	95
47) Dimethylphthalate	14.169	163	658964	19.680	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	126560	19.459	ng/ul	97
50) Acenaphthylene	14.439	152	903785	19.816	ng/ul	99
51) 3-Nitroaniline	14.622	138	105744	16.296	ng/ul	97
52) Acenaphthene	14.780	153	625335	19.823	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	46688	14.629	ng/ul	96
55) 4-Nitrophenol	14.922	109	67406	17.672	ng/ul	97
56) Dibenzofuran	15.110	168	859097	19.947	ng/ul	99
57) 2,4-Dinitrotoluene	15.074	165	175896	19.970	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.333	232	166952	20.087	ng/ul	98
59) Diethylphthalate	15.521	149	660106	19.789	ng/ul	99
61) Fluorene	15.757	166	714079	20.330	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.745	204	353705	20.606	ng/ul	96
63) 4-Nitroaniline	15.774	138	101463	17.245	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.833	198	85710	17.570	ng/ul	96
67) N-Nitrosodiphenylamine	15.963	169	564904	19.870	ng/ul	100
68) 4-Bromophenyl-phenylether	16.639	248	209245	20.253	ng/ul	99
69) Hexachlorobenzene	16.757	284	248703	20.167	ng/ul	97
70) Atrazine	16.904	200	184534	18.994	ng/ul	97
71) Pentachlorophenol	17.104	266	126950	18.515	ng/ul	99
72) Phenanthrene	17.498	178	1018212	19.783	ng/ul	100
74) Anthracene	17.586	178	1056585	20.200	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	295832	19.416	ng/ul	99
76) Pentachlorobenzene	15.027	250	302134	20.018	ng/ul	98
77) Carbazole	17.857	167	879030	19.398	ng/ul	100
78) Di-n-butylphthalate	18.404	149	1052988	19.549	ng/ul	100
80) Fluoranthene	19.498	202	1087051	18.624	ng/ul	99
82) Pyrene	19.862	202	1157245	19.050	ng/ul	99
83) Butylbenzylphthalate	20.745	149	418897	18.545	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	332935	20.435	ng/ul	97
85) Benzo(a)anthracene	21.603	228	1111463	20.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	606205	18.447	ng/ul	99
87) Chrysene	21.656	228	1033538	19.873	ng/ul	100
89) Di-n-octyl phthalate	22.462	149	1049584	17.590	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1138892	19.727	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1105808	19.764	ng/ul	99
93) Benzo(a)pyrene	23.992	252	999663	19.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	1268818	19.406	ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	1074011	19.485	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	996268	19.084	ng/ul	99

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

