

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090922\
 Data File : BM036532.D
 Acq On : 09 Sep 2022 10:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020172

Quant Time: Sep 09 11:11:08 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	7.716	152	226267	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1054152	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.369	164	580001	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1349585	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	1162286	20.000	ng/u1	0.00
88) Perylene-d12	23.591	264	939339	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	40420	6.808	ng/uL	0.00
4) Pyridine-d5	3.552	84	297852	18.192	ng/u1	0.00
7) Phenol-d5	6.898	99	376109	19.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.057	67	249946	20.560	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.245	132	302287	19.920	ng/u1	-0.01
15) 4-Methylphenol-d8	8.445	113	302292	20.962	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	158495	19.831	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.610	143	167274	20.633	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	304927	21.050	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	457948	20.393	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	758578	20.673	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	919031	20.081	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	138637	19.940	ng/u1	0.00
60) Fluorene-d10	15.363	176	793785	23.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	134607	19.400	ng/u1	0.00
73) Anthracene-d10	17.215	188	1212797	20.210	ng/u1	0.00
81) Pyrene-d10	19.509	212	1313844	21.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.444	264	929363	20.179	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	44548	7.124	ng/uL	95
5) Pyridine	3.569	79	305072	18.037	ng/u1	99
6) Benzaldehyde	6.863	77	206336	26.008	ng/u1	90
8) Phenol	6.922	94	396576	19.749	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.151	93	321487	20.017	ng/u1	100
12) 2-Chlorophenol	7.281	128	314796	19.838	ng/u1	98
13) 2-Methylphenol	8.175	108	305078	20.610	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.257	45	479292	22.305	ng/u1	98
16) Acetophenone	8.551	105	505788	21.807	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.540	70	264367	22.900	ng/u1	98
18) 4-Methylphenol	8.504	108	332358	20.976	ng/u1	98
19) Hexachloroethane	8.787	117	137610	20.728	ng/u1	89
22) Nitrobenzene	8.928	77	385100	20.335	ng/u1	96
23) Isophorone	9.457	82	716234	21.298	ng/u1	96
25) 2-Nitrophenol	9.639	139	186316	20.628	ng/u1	97
26) 2,4-Dimethylphenol	9.704	107	375435	20.785	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.945	93	455791	20.818	ng/u1	100
29) 2,4-Dichlorophenol	10.169	162	309071	20.854	ng/u1	98
30) Naphthalene	10.563	128	1094065	19.774	ng/u1	99
32) 4-Chloroaniline	10.692	127	470549	20.601	ng/u1	97
33) Hexachlorobutadiene	10.839	225	189413	20.344	ng/u1	98
34) Caprolactam	11.480	113	95112	21.419	ng/u1	97
35) 4-Chloro-3-methylphenol	11.822	107	328361	21.913	ng/u1	99
36) 2-Methylnaphthalene	12.180	142	743236	21.411	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	752477	21.524	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.551	216	360676	22.499	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	166323	17.488	ng/ul	97
41) 2,4,6-Trichlorophenol	12.804	196	204574	20.280	ng/ul	99
42) 2,4,5-Trichlorophenol	12.875	196	225451	21.070	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	847199	19.421	ng/ul	98
44) 2-Chloronaphthalene	13.245	162	641980	19.179	ng/ul	99
45) 2-Nitroaniline	13.463	65	185503	20.465	ng/ul	93
47) Dimethylphthalate	13.839	163	774488	20.505	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	153255	21.505	ng/ul#	82
50) Acenaphthylene	14.092	152	1074250	19.905	ng/ul	99
51) 3-Nitroaniline	14.292	138	158436	20.329	ng/ul	98
52) Acenaphthene	14.433	153	714734	20.318	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	76335	19.655	ng/ul	91
55) 4-Nitrophenol	14.610	109	120758	21.982	ng/ul#	76
56) Dibenzofuran	14.769	168	1098497	22.506	ng/ul	96
57) 2,4-Dinitrotoluene	14.751	165	251964	24.930	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.998	232	204007	25.111	ng/ul	91
59) Diethylphthalate	15.204	149	948555	25.477	ng/ul	99
61) Fluorene	15.416	166	947979	24.487	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	446762	24.704	ng/ul	99
63) 4-Nitroaniline	15.457	138	178437m	24.544	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	137758	19.637	ng/ul#	93
67) N-Nitrosodiphenylamine	15.633	169	762838	19.771	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	240691	19.261	ng/ul	97
69) Hexachlorobenzene	16.415	284	302634	19.984	ng/ul	97
70) Atrazine	16.592	200	266510	20.216	ng/ul	98
71) Pentachlorophenol	16.768	266	165724	19.850	ng/ul	99
72) Phenanthrene	17.157	178	1424302	20.075	ng/ul	98
74) Anthracene	17.251	178	1438811	20.228	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.163	216	342794	16.928	ng/uL	99
76) Pentachlorobenzene	14.686	250	340916	18.030	ng/uL	98
77) Carbazole	17.527	167	1301469	19.542	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1635721	22.456	ng/ul	99
80) Fluoranthene	19.174	202	1608799	22.079	ng/ul	99
82) Pyrene	19.539	202	1652877	21.737	ng/ul	98
83) Butylbenzylphthalate	20.451	149	687302	24.161	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.233	252	479527	20.035	ng/ul	97
85) Benzo(a)anthracene	21.292	228	1416577	20.281	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1027340	26.157	ng/ul	98
87) Chrysene	21.339	228	1357352	19.778	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1537970	27.542	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1229506	21.468	ng/ul	98
91) Benzo(k)fluoranthene	22.944	252	1143490	20.987	ng/ul	98
93) Benzo(a)pyrene	23.491	252	1139344	20.222	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.950	276	1155371	17.442	ng/ul	95
95) Dibenzo(a,h)anthracene	25.968	278	1003897	17.593	ng/ul	97
96) Benzo(g,h,i)perylene	26.674	276	958423	16.919	ng/ul	99

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

