

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
 Data File : BM036224.D
 Acq On : 12 Aug 2022 10:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020141

Quant Time: Aug 12 11:23:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2022
 Supervised By :Sohil Jodhani 08/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	253979	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	1113897	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	671744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1311008	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1177876	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	1190669	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	50093	7.422	ng/uL	0.00
4) Pyridine-d5	3.646	84	332906	18.004	ng/u1	0.00
7) Phenol-d5	7.010	99	408048	19.159	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	267928	18.870	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	365995	20.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.551	113	342552	19.853	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	179932	20.385	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	192405	22.374	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	332667	21.389	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	521727	19.815	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	950514	20.773	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1191458	20.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	153989	16.388	ng/u1	0.00
60) Fluorene-d10	15.451	176	829326	20.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	144222	20.466	ng/u1	0.00
73) Anthracene-d10	17.304	188	1217131	20.535	ng/u1	0.00
81) Pyrene-d10	19.592	212	1323760	20.278	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1210008	20.017	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	51327	7.338	ng/uL	93
5) Pyridine	3.663	79	351494	18.115	ng/u1	89
6) Benzaldehyde	6.963	77	76374	8.544	ng/u1	96
8) Phenol	7.034	94	444153	19.056	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.245	93	361420	19.288	ng/u1	96
12) 2-Chlorophenol	7.387	128	375557	20.708	ng/u1	98
13) 2-Methylphenol	8.281	108	338089	19.417	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.351	45	468440	18.939	ng/u1	96
16) Acetophenone	8.651	105	548974	19.817	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.634	70	271516	19.654	ng/u1	92
18) 4-Methylphenol	8.616	108	366415	19.616	ng/u1	99
19) Hexachloroethane	8.892	117	155265	20.750	ng/u1	97
22) Nitrobenzene	9.028	77	396743	19.642	ng/u1	98
23) Isophorone	9.557	82	750851	19.693	ng/u1	99
25) 2-Nitrophenol	9.739	139	211063	22.123	ng/u1	96
26) 2,4-Dimethylphenol	9.810	107	396256	20.326	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.039	93	480715	19.990	ng/u1	100
29) 2,4-Dichlorophenol	10.281	162	341148	21.133	ng/u1	99
30) Naphthalene	10.669	128	1206396	20.519	ng/u1	99
32) 4-Chloroaniline	10.792	127	516186	19.735	ng/u1	98
33) Hexachlorobutadiene	10.945	225	217087	21.783	ng/u1	99
34) Caprolactam	11.592	113	100546	18.846	ng/u1	84
35) 4-Chloro-3-methylphenol	11.933	107	347062	20.676	ng/u1	96
36) 2-Methylnaphthalene	12.280	142	792824	20.611	ng/u1	99

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37) 1-Methylnaphthalene	12.504	142	795277	20.511	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	393798	20.594	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	215668	16.935	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	259191	21.181	ng/ul	99
42) 2,4,5-Trichlorophenol	12.980	196	269342	20.628	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	1038214	20.080	ng/ul	98
44) 2-Chloronaphthalene	13.339	162	803678	20.254	ng/ul	98
45) 2-Nitroaniline	13.557	65	211166	19.303	ng/ul	97
47) Dimethylphthalate	13.927	163	942020	20.467	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	187206	20.487	ng/ul	94
50) Acenaphthylene	14.180	152	1315843	20.374	ng/ul	99
51) 3-Nitroaniline	14.386	138	146464	14.503	ng/ul	95
52) Acenaphthene	14.522	153	832693	19.874	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	86579	16.687	ng/ul	98
55) 4-Nitrophenol	14.716	109	118259	16.456	ng/ul	83
56) Dibenzofuran	14.857	168	1178864	20.335	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	268697	20.860	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	211812	20.647	ng/ul#	96
59) Diethylphthalate	15.286	149	965750	20.744	ng/ul	99
61) Fluorene	15.510	166	938682	19.821	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.504	204	455405	20.071	ng/ul	98
63) 4-Nitroaniline	15.545	138	124938m	13.438	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	144541	20.498	ng/ul	98
67) N-Nitrosodiphenylamine	15.721	169	780563	20.252	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	267187	20.789	ng/ul	99
69) Hexachlorobenzene	16.504	284	326210	20.831	ng/ul	99
70) Atrazine	16.674	200	271010	20.273	ng/ul	99
71) Pentachlorophenol	16.863	266	152382	15.928	ng/ul	98
72) Phenanthrene	17.245	178	1419664	20.204	ng/ul	99
74) Anthracene	17.333	178	1445029	20.495	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	408959	20.059	ng/ul	98
76) Pentachlorobenzene	14.774	250	391313	21.174	ng/ul	99
77) Carbazole	17.615	167	1308416	20.092	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1616219	21.997	ng/ul	100
80) Fluoranthene	19.262	202	1577574	20.226	ng/ul	96
82) Pyrene	19.621	202	1626422	20.231	ng/ul	96
83) Butylbenzylphthalate	20.527	149	702989	24.043	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	477300	21.959	ng/ul	97
85) Benzo(a)anthracene	21.368	228	1512187	20.397	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1013356	23.986	ng/ul	99
87) Chrysene	21.421	228	1460634	20.192	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	1679257	21.840	ng/ul	100
90) Benzo(b)fluoranthene	23.009	252	1536538	19.337	ng/ul#	97
91) Benzo(k)fluoranthene	23.056	252	1442240m	19.126	ng/ul	
93) Benzo(a)pyrene	23.621	252	1491238	19.703	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.150	276	1718922	21.307	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.162	278	1483442	21.433	ng/ul	96
96) Benzo(g,h,i)perylene	26.897	276	1448219	21.662	ng/ul#	94

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

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