

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120823\
 Data File : BM043190.D
 Acq On : 08 Dec 2023 11:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020158

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/11/2023

Quant Time: Dec 08 12:01:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 00:42:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	510726	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	2271005	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	1529771	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	3338726	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	3167485	20.000	ng/u1	0.00
88) Perylene-d12	23.932	264	3364158	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	93286	7.168	ng/uL	0.00
4) Pyridine-d5	3.816	84	713953	18.491	ng/u1	0.00
7) Phenol-d5	7.169	99	927081	18.284	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	590685	18.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.539	132	714486	18.484	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	748713	18.665	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	373463	19.294	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	363740	19.487	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	788622	18.956	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	1170897	19.560	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2562860	19.112	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	2945067	18.983	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	456253	18.987	ng/u1	0.00
60) Fluorene-d10	15.621	176	2214222	18.942	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	311748	16.965	ng/u1	0.00
73) Anthracene-d10	17.468	188	3415947	18.912	ng/u1	0.00
81) Pyrene-d10	19.750	212	3848966	18.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	3689166	18.793	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.440	88	104624	7.320	ng/uL	98
5) Pyridine	3.840	79	743869	18.745	ng/u1	98
6) Benzaldehyde	7.151	77	580576	22.247	ng/u1	98
8) Phenol	7.192	94	922633	18.399	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.439	93	764538	18.910	ng/u1	99
12) 2-Chlorophenol	7.569	128	731071	18.643	ng/u1	99
13) 2-Methylphenol	8.451	108	719312	18.551	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1289536	19.183	ng/u1	100
16) Acetophenone	8.839	105	1233662	19.135	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	662299	18.741	ng/u1	99
18) 4-Methylphenol	8.781	108	786729	18.699	ng/u1	94
19) Hexachloroethane	9.086	117	303764	18.275	ng/u1	98
22) Nitrobenzene	9.222	77	884116	18.997	ng/u1	99
23) Isophorone	9.745	82	1900964	19.169	ng/u1	100
25) 2-Nitrophenol	9.933	139	402662	19.683	ng/u1	99
26) 2,4-Dimethylphenol	9.986	107	775985	19.347	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.239	93	1116703	19.153	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	770097	19.071	ng/u1	99
30) Naphthalene	10.869	128	2612568	18.742	ng/u1	99
32) 4-Chloroaniline	10.980	127	1117564	19.792	ng/u1	99
33) Hexachlorobutadiene	11.139	225	461731	18.351	ng/u1	99
34) Caprolactam	11.751	113	242904m	20.231	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	821013	19.363	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	1881569	18.762	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1907980	18.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	962214	18.591	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	547719	18.650	ng/ul	97
41) 2,4,6-Trichlorophenol	13.074	196	613285	19.043	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	674291	19.237	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	2543304	18.794	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1981061	18.885	ng/ul	100
45) 2-Nitroaniline	13.721	65	547380	19.747	ng/ul	99
47) Dimethylphthalate	14.098	163	2523228	19.184	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	472306	19.491	ng/ul	98
50) Acenaphthylene	14.357	152	3366503	19.199	ng/ul	99
51) 3-Nitroaniline	14.545	138	531183	19.759	ng/ul	98
52) Acenaphthene	14.698	153	2184852	18.890	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	186131	16.732	ng/ul	99
55) 4-Nitrophenol	14.839	109	340190	19.579	ng/ul	97
56) Dibenzofuran	15.033	168	2985097	18.894	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	680801	19.677	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	557359	19.130	ng/ul	98
59) Diethylphthalate	15.462	149	2540773	19.205	ng/ul	100
61) Fluorene	15.680	166	2620004	19.157	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.674	204	1262287	18.682	ng/ul	96
63) 4-Nitroaniline	15.704	138	561204	20.776	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	356487	17.742	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	2119448	18.930	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	750355	18.585	ng/ul	97
69) Hexachlorobenzene	16.668	284	891755	18.615	ng/ul	99
70) Atrazine	16.845	200	656273	20.785	ng/ul	99
71) Pentachlorophenol	17.015	266	496540	17.603	ng/ul	99
72) Phenanthrene	17.415	178	3965430	19.047	ng/ul	100
74) Anthracene	17.503	178	4057282	19.346	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	971878	18.400	ng/ul	98
76) Pentachlorobenzene	14.945	250	994323	18.524	ng/ul	99
77) Carbazole	17.774	167	3635179	21.101	ng/ul	100
78) Di-n-butylphthalate	18.345	149	4520890	20.175	ng/ul	99
80) Fluoranthene	19.415	202	4573126	19.670	ng/ul	99
82) Pyrene	19.780	202	4783313	19.779	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1893884	19.687	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	1580542	20.996	ng/ul	99
85) Benzo(a)anthracene	21.521	228	4783045	19.695	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	3135514	20.648	ng/ul	99
87) Chrysene	21.574	228	4258563	19.633	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	4897377	21.164	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	4435745	18.480	ng/ul	100
91) Benzo(k)fluoranthene	23.250	252	4535283	18.971	ng/ul	99
93) Benzo(a)pyrene	23.827	252	4187914	18.876	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	4787451	18.944	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	3977865	18.825	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	3585776	18.833	ng/ul	99

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

