

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM038988.D
 Acq On : 13 Mar 2023 13:49
 Operator : CG/JU
 Sample : SSTD04042
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040001

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

Quant Time: Mar 13 15:12:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 15:08:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	367823	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1618532	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	992665	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	2044872	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1847260	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1761436	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	166039	16.856	ng/uL	0.00
4) Pyridine-d5	3.793	84	1233243	45.535	ng/u1	0.00
7) Phenol-d5	7.145	99	1429450	41.452	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	932455	42.320	ng/u1	0.00
11) 2-Chlorophenol-d4	7.516	132	1117688	43.496	ng/u1	0.00
15) 4-Methylphenol-d8	8.698	113	1129159	41.564	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	582198	51.238	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	608034	57.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	1076569	43.514	ng/u1	0.00
31) 4-Chloroaniline-d4	10.939	131	1661707	40.295	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	3138202	40.817	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	3780704	42.072	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	658404	42.778	ng/u1	0.00
60) Fluorene-d10	15.621	176	2755392	40.635	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	548224	51.569	ng/u1	0.00
73) Anthracene-d10	17.474	188	4205385	41.707	ng/u1	0.00
81) Pyrene-d10	19.762	212	4713436	46.392	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	3936329	44.345	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	181848	17.177	ng/uL	98
5) Pyridine	3.810	79	1283599	44.025	ng/u1	96
6) Benzaldehyde	7.122	77	747812m	44.776	ng/u1	
8) Phenol	7.169	94	1508601	40.874	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.410	93	1214055	41.316	ng/u1	99
12) 2-Chlorophenol	7.551	128	1138721	43.026	ng/u1	99
13) 2-Methylphenol	8.434	108	1129610	40.943	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1649815m	44.725	ng/u1	
16) Acetophenone	8.816	105	1889517	40.019	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.810	70	1000318	46.128	ng/u1	98
18) 4-Methylphenol	8.763	108	1261857	41.191	ng/u1	98
19) Hexachloroethane	9.075	117	477416	45.026	ng/u1	100
22) Nitrobenzene	9.198	77	1441099	46.359	ng/u1	98
23) Isophorone	9.734	82	2793577	44.181	ng/u1	100
25) 2-Nitrophenol	9.910	139	655885	51.948	ng/u1	99
26) 2,4-Dimethylphenol	9.969	107	1338042	43.136	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.216	93	1682540	43.363	ng/u1	100
29) 2,4-Dichlorophenol	10.445	162	1076820	42.935	ng/u1	99
30) Naphthalene	10.857	128	3772547	40.848	ng/u1	100
32) 4-Chloroaniline	10.963	127	1672064	40.046	ng/u1	100
33) Hexachlorobutadiene	11.139	225	619370	39.691	ng/u1	100
34) Caprolactam	11.745	113	352328m	40.968	ng/u1	
35) 4-Chloro-3-methylphenol	12.080	107	1214195	42.823	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	2458337	40.780	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	2476465	40.772	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	1223629	41.209	ng/u1	99
40) Hexachlorocyclopentadiene	12.804	237	797238	49.765	ng/u1	99
41) 2,4,6-Trichlorophenol	13.063	196	831735	44.409	ng/u1	99
42) 2,4,5-Trichlorophenol	13.133	196	910080	44.151	ng/u1	98
43) 1,1'-Biphenyl	13.463	154	3280105	41.893	ng/u1	100
44) 2-Chloronaphthalene	13.510	162	2555603	41.382	ng/u1	99
45) 2-Nitroaniline	13.710	65	829589	59.528	ng/u1	98
47) Dimethylphthalate	14.086	163	3181922	40.838	ng/u1	100
48) 2,6-Dinitrotoluene	14.204	165	644017	52.234	ng/u1	96
50) Acenaphthylene	14.351	152	4115040	41.290	ng/u1	99
51) 3-Nitroaniline	14.533	138	684532	44.236	ng/u1	97
52) Acenaphthene	14.692	153	2802077	40.846	ng/u1	99
53) 2,4-Dinitrophenol	14.733	184	366223	52.248	ng/u1	97
55) 4-Nitrophenol	14.833	109	515821	41.958	ng/u1	95
56) Dibenzofuran	15.027	168	3806025	39.963	ng/u1	100
57) 2,4-Dinitrotoluene	14.986	165	936404	49.130	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	759198	42.304	ng/u1	97
59) Diethylphthalate	15.451	149	3255876	42.229	ng/u1	99
61) Fluorene	15.674	166	3198205	40.052	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.668	204	1535410	39.828	ng/u1	99
63) 4-Nitroaniline	15.698	138	673281	42.066	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.751	198	544438	49.485	ng/u1	99
67) N-Nitrosodiphenylamine	15.880	169	2651649	42.873	ng/u1	99
68) 4-Bromophenyl-phenylether	16.562	248	877109	41.673	ng/u1	99
69) Hexachlorobenzene	16.674	284	1013817	39.769	ng/u1	98
70) Atrazine	16.833	200	913049	43.639	ng/u1	99
71) Pentachlorophenol	17.021	266	645420	41.639	ng/u1	99
72) Phenanthrene	17.415	178	4840005	40.966	ng/u1	99
74) Anthracene	17.509	178	4982196	41.415	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	1233332	42.797	ng/uL	99
76) Pentachlorobenzene	14.945	250	1214741	41.023	ng/uL	99
77) Carbazole	17.774	167	4584479	41.039	ng/u1	99
78) Di-n-butylphthalate	18.339	149	5605526	49.322	ng/u1	100
80) Fluoranthene	19.427	202	5445248	46.599	ng/u1	98
82) Pyrene	19.792	202	5743161	44.821	ng/u1	98
83) Butylbenzylphthalate	20.686	149	2489061	73.106	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.468	252	1791723	49.499	ng/u1	98
85) Benzo(a)anthracene	21.539	228	5435336	42.585	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	3705488	65.467	ng/u1	100
87) Chrysene	21.592	228	5136930	41.156	ng/u1	99
89) Di-n-octyl phthalate	22.409	149	6076819	68.612	ng/u1	100
90) Benzo(b)fluoranthene	23.256	252	5060765	46.273	ng/u1	99
91) Benzo(k)fluoranthene	23.309	252	5064002	45.075	ng/u1	100
93) Benzo(a)pyrene	23.897	252	4399692	43.427	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.556	276	4937709	36.870	ng/u1	99
95) Dibenzo(a,h)anthracene	26.574	278	4183512	37.028	ng/u1	99
96) Benzo(g,h,i)perylene	27.338	276	3827693	34.906	ng/u1	100

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

