

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082218\
 Data File : BN002449.D
 Acq On : 22 Aug 2018 10:23
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02057

Manual Integrations
 APPROVED

Sohil
 8/23/2018 6:35:59 PM

Quant Time: Aug 23 04:35:38 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 21 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	137979	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	650515	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	403392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	979886	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1151281	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1223640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24513m	8.39	ng/uL	0.00
5) Phenol-d5	6.85	99	243354	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	159481	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	188724	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	191415	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	99646	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	100354	18.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	194628	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	217494	20.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	652738	19.52	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	828343	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	112130	17.74	ng/ul	0.00
57) Fluorene-d10	15.30	176	575121	19.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	108147	17.33	ng/ul	0.00
70) Anthracene-d10	17.15	188	928856	19.84	ng/ul	0.00
78) Pyrene-d10	19.45	212	1054546	19.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1243427	19.43	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	26000	8.314	ng/uL 94
4) Benzaldehyde	6.82	77	175136	20.149	ng/ul 93
6) Phenol	6.88	94	250642	19.453	ng/ul# 91
8) Bis(2-Chloroethyl)ether	7.10	93	193874	19.794	ng/ul# 83
10) 2-Chlorophenol	7.24	128	189444	19.526	ng/ul# 85
11) 2-Methylphenol	8.11	108	185652	19.093	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	338040	20.839	ng/ul# 85
14) Acetophenone	8.49	105	328130	20.293	ng/ul# 90
15) N-Nitroso-di-n-propylamine	8.47	70	168031	19.694	ng/ul# 81
16) 4-Methylphenol	8.44	108	203365	19.224	ng/ul 99
17) Hexachloroethane	8.73	117	80974	19.925	ng/ul 93
20) Nitrobenzene	8.86	77	251772	20.317	ng/ul 93
21) Isophorone	9.38	82	472717	19.789	ng/ul 97
23) 2-Nitrophenol	9.57	139	108556	18.967	ng/ul# 88
24) 2,4-Dimethylphenol	9.63	107	235582	20.072	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.86	93	275952	19.607	ng/ul 99
27) 2,4-Dichlorophenol	10.10	162	190754	19.688	ng/ul 98
28) Naphthalene	10.49	128	660326	19.729	ng/ul 99
30) 4-Chloroaniline	10.60	127	218844	20.013	ng/ul 100
31) Hexachlorobutadiene	10.77	225	120200	19.708	ng/ul 98
32) Caprolactam	11.36	113	69673m	19.142	ng/ul
33) 4-Chloro-3-methylphenol	11.74	107	218383	19.588	ng/ul 99
34) 2-Methylnaphthalene	12.11	142	489427	19.813	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	237780	19.460	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	124823	16.817	ng/ul	96
38) 2,4,6-Trichlorophenol	12.73	196	150729	19.158	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	162132	19.258	ng/ul	96
40) 1,1'-Biphenyl	13.13	154	635455	19.678	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	493646	19.610	ng/ul	98
42) 2-Nitroaniline	13.38	65	160644	20.037	ng/ul#	76
44) Dimethylphthalate	13.76	163	648996	19.788	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	131240	19.806	ng/ul	91
47) Acenaphthylene	14.02	152	778226	19.925	ng/ul	100
48) 3-Nitroaniline	14.22	138	122448	19.422	ng/ul	89
49) Acenaphthene	14.37	153	550056	19.965	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	55782	14.071	ng/ul#	1
52) 4-Nitrophenol	14.53	109	92104	19.224	ng/ul#	86
53) Dibenzofuran	14.70	168	770773	19.830	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	206761	20.696	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.93	232	145762	19.829	ng/ul	96
56) Diethylphthalate	15.13	149	671703	20.074	ng/ul	99
58) Fluorene	15.36	166	644710	20.274	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.35	204	315168	20.080	ng/ul	97
60) 4-Nitroaniline	15.38	138	161311	19.798	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	112204	17.434	ng/ul#	95
64) N-Nitrosodiphenylamine	15.57	169	553276	19.323	ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	190577	19.064	ng/ul	95
66) Hexachlorobenzene	16.36	284	218392	19.576	ng/ul	95
67) Atrazine	16.52	200	201693	19.267	ng/ul	98
68) Pentachlorophenol	16.71	266	106496	17.053	ng/ul	99
69) Phenanthrene	17.09	178	1064013	19.697	ng/ul	98
71) Anthracene	17.19	178	1094798	19.983	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	262843	19.183	ng/ul	99
73) Pentachlorobenzene	14.63	250	246448	18.871	ng/ul	98
74) Carbazole	17.46	167	977536	20.120	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1165362	19.730	ng/ul	100
76) Fluoranthene	19.12	202	1279650	20.814	ng/ul	100
79) Pvrene	19.48	202	1339282	19.293	ng/ul	100
80) Butylbenzylphthalate	20.39	149	535506	18.206	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.17	252	387297	16.881	ng/ul	98
82) Benzo(a)anthracene	21.24	228	1397629	19.816	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	837209	18.976	ng/ul	99
84) Chrysene	21.29	228	1320132	19.776	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1446652	18.603	ng/ul#	91
87) Benzo(b)fluoranthene	22.81	252	1468631	20.023	ng/ul	100
88) Benzo(k)fluoranthene	22.85	252	1347543	19.501	ng/ul	98
90) Benzo(a)pyrene	23.38	252	1388592	19.874	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1560922	18.779	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	1290995	18.578	ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	1257020	18.124	ng/ul	98

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

