

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
 Data File : BN002304.D
 Acq On : 13 Aug 2018 13:44
 Operator : JU/SJ
 Sample : SSTD01036
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD01036

Manual Integrations
 APPROVED

Sohil
 8/14/2018 4:52:52 PM

Quant Time: Aug 13 14:59:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 13 14:52:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	163804	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	777866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	484787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1134596	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1273507	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	1343474	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	13628	3.75	ng/uL	0.00
5) Phenol-d5	6.86	99	136347	8.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	93748	9.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	109331	8.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	111254	8.95	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	60153	9.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	61354	8.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	112469	8.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	126492	8.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	400586	9.75	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	486519	9.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	68815	8.77	ng/ul	0.00
57) Fluorene-d10	15.30	176	349500	9.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	62237	8.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	541594	9.79	ng/ul	0.00
78) Pyrene-d10	19.46	212	597940	9.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	691487	9.53	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	15397	4.225 ng/uL#	88
4) Benzaldehyde	6.83	77	103184	11.277 ng/ul	98
6) Phenol	6.89	94	140949	9.099 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.11	93	116046	9.824 ng/ul#	85
10) 2-Chlorophenol	7.25	128	110452	9.088 ng/ul#	92
11) 2-Methylphenol	8.12	108	104662	8.785 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	194990	10.042 ng/ul#	86
14) Acetophenone	8.49	105	190215	10.087 ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	98816	9.562 ng/ul#	83
16) 4-Methylphenol	8.45	108	117242	9.069 ng/ul	93
17) Hexachloroethane	8.75	117	48155	10.025 ng/ul	98
20) Nitrobenzene	8.87	77	146546	9.880 ng/ul	94
21) Isophorone	9.39	82	282266	9.511 ng/ul	95
23) 2-Nitrophenol	9.58	139	64856	8.690 ng/ul#	90
24) 2,4-Dimethylphenol	9.64	107	133469	8.933 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	165508	9.264 ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	110727	8.744 ng/ul	97
28) Naphthalene	10.50	128	400417	9.744 ng/ul	99
30) 4-Chloroaniline	10.62	127	132906	8.923 ng/ul	97
31) Hexachlorobutadiene	10.79	225	71800	9.568 ng/ul	98
32) Caprolactam	11.37	113	38159m	8.108 ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	125635	8.821 ng/ul	98
34) 2-Methylnaphthalene	12.12	142	295622	9.862 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	143958	9.158	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	76742	7.696	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	89870	8.317	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	96189	8.427	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	385584	9.557	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	300667	9.584	ng/ul	97
42) 2-Nitroaniline	13.39	65	88915	8.815	ng/ul	83
44) Dimethylphthalate	13.77	163	395178	9.818	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	75325	8.854	ng/ul	90
47) Acenaphthylene	14.03	152	466875	9.513	ng/ul	100
48) 3-Nitroaniline	14.22	138	74420	8.875	ng/ul	92
49) Acenaphthene	14.37	153	328607	9.701	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	32785	6.552	ng/ul#	1
52) 4-Nitrophenol	14.54	109	52605	9.587	ng/ul#	78
53) Dibenzofuran	14.71	168	467269	9.763	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	117624	9.533	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.95	232	84691	8.450	ng/ul#	96
56) Diethylphthalate	15.14	149	393721	9.633	ng/ul	99
58) Fluorene	15.36	166	382150	10.002	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	191046	10.067	ng/ul	92
60) 4-Nitroaniline	15.39	138	91327	9.407	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	65200	8.521	ng/ul#	96
64) N-Nitrosodiphenylamine	15.57	169	330367	9.520	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	114241	9.151	ng/ul	91
66) Hexachlorobenzene	16.37	284	128593	9.308	ng/ul	94
67) Atrazine	16.53	200	114137	9.115	ng/ul	99
68) Pentachlorophenol	16.72	266	60901	7.749	ng/ul	94
69) Phenanthrene	17.10	178	631010	9.903	ng/ul	99
71) Anthracene	17.19	178	643090	9.910	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	155668	9.201	ng/ul	99
73) Pentachlorobenzene	14.63	250	151750	9.589	ng/ul	98
74) Carbazole	17.46	167	564941	10.292	ng/ul	99
75) Di-n-butylphthalate	18.03	149	670078	9.232	ng/ul	99
76) Fluoranthene	19.12	202	728452	10.773	ng/ul	99
79) Pyrene	19.49	202	762774	9.334	ng/ul	99
80) Butylbenzylphthalate	20.40	149	302756	7.800	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.18	252	246263	9.120	ng/ul	97
82) Benzo(a)anthracene	21.24	228	774173	9.544	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	466402	8.486	ng/ul	99
84) Chrysene	21.29	228	737461	9.755	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	790374	8.957	ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	765663	9.260	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	783339	9.972	ng/ul	99
90) Benzo(a)pyrene	23.38	252	766539	9.756	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	902076	9.932	ng/ul	98
92) Dibenzo(a,h)anthracene	25.71	278	756575	9.954	ng/ul	98
93) Benzo(g,h,i)perylene	26.37	276	756683	9.915	ng/ul	99

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

