

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP101919\
 Data File : BP000904.D
 Acq On : 19 Oct 2019 11:02
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD02091

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:03:02 PM

Quant Time: Oct 19 20:45:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 09:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176743	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	663185	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	377838	20.00	ng/ul	-0.01
62) Phenanthrene-d10	11.29	188	721600	20.00	ng/ul	-0.01
78) Chrysene-d12	13.96	240	660647	20.00	ng/ul	-0.01
86) Perylene-d12	15.44	264	769059	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.34	96	26844m	6.30	ng/uL	-0.05
5) Phenol-d5	6.38	99	233930	17.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.42	67	112193	16.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	203691	17.73	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	190955	18.33	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	94641	18.77	ng/ul	-0.01
22) 2-Nitrophenol-d4	7.63	143	102399	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	190661	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	240252	21.03	ng/ul	0.00
44) Dimethylphthalate-d6	9.48	166	483251	18.27	ng/ul	-0.01
47) Acenaphthylene-d8	9.63	160	588326	18.08	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	53121	13.04	ng/ul	0.00
58) Fluorene-d10	10.31	176	415329	18.35	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	10.39	200	54359	15.82	ng/ul	0.00
71) Anthracene-d10	11.35	188	600859	17.98	ng/ul	0.00
79) Pyrene-d10	12.73	212	650771	17.42	ng/ul	-0.01
90) Benzo(a)pyrene-d12	15.35	264	690988	18.20	ng/ul	-0.01

Target Compounds

				Ovalue
2) 1,4-Dioxane	2.40	88	28279m	6.496 ng/uL
4) Benzaldehyde	6.29	77	151727	17.656 ng/ul
6) Phenol	6.40	94	245564	17.867 ng/ul
8) Bis(2-Chloroethyl)ether	6.47	93	187429	17.405 ng/ul
10) 2-Chlorophenol	6.53	128	212150	17.729 ng/ul
11) 2-Methylphenol	7.00	108	189797	17.786 ng/ul
12) 2,2'-oxybis(1-Chloropropan	7.02	45	162290	16.596 ng/ul#
14) Acetophenone	7.15	105	283183	18.370 ng/ul
15) N-Nitroso-di-n-propylamine	7.15	70	121628	17.557 ng/ul
16) 4-Methylphenol	7.16	108	197314	18.913 ng/ul
17) Hexachloroethane	7.25	117	84087	18.097 ng/ul
20) Nitrobenzene	7.32	77	188819	17.622 ng/ul
21) Isophorone	7.56	82	357299	17.245 ng/ul
23) 2-Nitrophenol	7.64	139	111985	19.095 ng/ul
24) 2,4-Dimethylphenol	7.69	107	209630	18.139 ng/ul
25) Bis(2-Chloroethoxy)methane	7.78	93	234249	17.132 ng/ul
27) 2,4-Dichlorophenol	7.89	162	188094	18.605 ng/ul
28) Naphthalene	8.05	128	606265	18.136 ng/ul
30) 4-Chloroaniline	8.10	127	245674	21.454 ng/ul
31) Hexachlorobutadiene	8.17	225	126494	19.617 ng/ul
32) Caprolactam	8.43	113	58179m	17.919 ng/ul
33) 4-Chloro-3-methylphenol	8.59	107	187350	18.716 ng/ul
34) 2-Methylnaphthalene	8.74	142	421140	18.140 ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	8.84	142	402328	18.058	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	8.91	216	225429	18.955	ng/ul	99
38) Hexachlorocyclopentadiene	8.90	237	67202	19.155	ng/ul	98
39) 2,4,6-Trichlorophenol	9.03	196	130497	18.295	ng/ul	98
40) 2,4,5-Trichlorophenol	9.08	196	133738	17.275	ng/ul	99
41) 1,1'-Biphenyl	9.20	154	522367	18.116	ng/ul	99
42) 2-Chloronaphthalene	9.23	162	415024	18.462	ng/ul	98
43) 2-Nitroaniline	9.33	65	92329	18.186	ng/ul	92
45) Dimethylphthalate	9.50	163	483399	18.342	ng/ul	99
46) 2,6-Dinitrotoluene	9.58	165	103636	19.824	ng/ul	90
48) Acenaphthylene	9.65	152	607164	18.085	ng/ul	99
49) 3-Nitroaniline	9.74	138	105878	19.365	ng/ul	98
50) Acenaphthene	9.82	153	417522	17.966	ng/ul	99
51) 2,4-Dinitrophenol	9.86	184	34416	17.880	ng/ul	97
53) 4-Nitrophenol	9.92	109	49242	17.701	ng/ul	92
54) Dibenzofuran	10.00	168	585168	18.092	ng/ul	98
55) 2,4-Dinitrotoluene	9.98	165	142605	19.748	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	10.12	232	92875	16.540	ng/ul	93
57) Diethylphthalate	10.22	149	472373	18.559	ng/ul	100
59) Fluorene	10.34	166	460316	18.314	ng/ul	99
60) 4-Chlorophenyl-phenylether	10.33	204	240072	18.644	ng/ul	98
61) 4-Nitroaniline	10.36	138	110583	17.760	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	56364	15.638	ng/ul#	92
65) N-Nitrosodiphenylamine	10.45	169	404552	17.577	ng/ul	99
66) 4-Bromophenyl-phenylether	10.83	248	155165	18.578	ng/ul	99
67) Hexachlorobenzene	10.90	284	170043	19.223	ng/ul#	90
68) Atrazine	10.99	200	144711	18.525	ng/ul	97
69) Pentachlorophenol	11.10	266	57129	16.407	ng/ul	96
70) Phenanthrene	11.31	178	709658	18.045	ng/ul	100
72) Anthracene	11.36	178	715800	17.935	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	9.20	216	218211	18.332	ng/uL	99
74) Pentachlorobenzene	9.96	250	207865	18.622	ng/uL	99
75) Carbazole	11.52	167	654227	19.214	ng/ul	100
76) Di-n-butylphthalate	11.86	149	761047	18.624	ng/ul	100
77) Fluoranthene	12.52	202	816358	20.259	ng/ul	96
80) Pvrene	12.75	202	812211	17.328	ng/ul	96
81) Butylbenzylphthalate	13.37	149	343410	17.928	ng/ul	99
82) 3,3'-Dichlorobenzidine	13.92	252	300209	17.888	ng/ul	99
83) Benzo(a)anthracene	13.96	228	802750	18.104	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	465483	18.282	ng/ul	99
85) Chrysene	13.99	228	729765	17.707	ng/ul	99
87) Di-n-octyl phthalate	14.57	149	818673	18.567	ng/ul	100
88) Benzo(b)fluoranthene	15.02	252	842436m	18.360	ng/ul	
89) Benzo(k)fluoranthene	15.04	252	772639	17.682	ng/ul	100
91) Benzo(a)pyrene	15.38	252	783871	18.043	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.92	276	931257	18.700	ng/ul	98
93) Dibenzo(a,h)anthracene	16.93	278	770419	18.873	ng/ul	97
94) Benzo(a,h,i)perylene	17.36	276	789943	19.052	ng/ul	96

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

