

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
 Data File : BP000575.D
 Acq On : 09 Oct 2019 17:53
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD02076

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:34:49 AM

Quant Time: Oct 09 18:52:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 17:20:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	221359	20.00	ng/ul	0.00
18) Naphthalene-d8	8.04	136	848883	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	484068	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	899184	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	791025	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	872968	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	41494	7.78	ng/uL	0.00
5) Phenol-d5	6.39	99	335658	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	170961	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	281594	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	262488	20.12	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	130063	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	7.64	143	141125	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	263582	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	8.10	131	300553	20.55	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	680307	20.08	ng/ul	0.00
47) Acenaphthylene-d8	9.65	160	840320	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	100780	19.31	ng/ul	0.00
58) Fluorene-d10	10.32	176	590323	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	80970	18.91	ng/ul	0.00
71) Anthracene-d10	11.35	188	848542	20.37	ng/ul	0.00
79) Pyrene-d10	12.73	212	882939	19.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	854037	19.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.42	88	42766	7.844	ng/uL 97
4) Benzaldehyde	6.30	77	221384	20.569	ng/ul 99
6) Phenol	6.40	94	352855	20.499	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.48	93	275220	20.406	ng/ul 96
10) 2-Chlorophenol	6.54	128	298019	19.886	ng/ul 99
11) 2-Methylphenol	7.01	108	265678	19.879	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.03	45	256893	20.976	ng/ul 99
14) Acetophenone	7.16	105	417425	21.621	ng/ul 99
15) N-Nitroso-di-n-propylamine	7.16	70	175769	20.259	ng/ul 99
16) 4-Methylphenol	7.16	108	286589	21.934	ng/ul 97
17) Hexachloroethane	7.27	117	116528	20.024	ng/ul 97
20) Nitrobenzene	7.33	77	276606	20.167	ng/ul 100
21) Isophorone	7.57	82	527600	19.894	ng/ul 97
23) 2-Nitrophenol	7.65	139	153807	20.489	ng/ul 100
24) 2,4-Dimethylphenol	7.69	107	295999	20.009	ng/ul 100
25) Bis(2-Chloroethoxy)methane	7.79	93	352129	20.120	ng/ul 100
27) 2,4-Dichlorophenol	7.90	162	263616	20.371	ng/ul 99
28) Naphthalene	8.06	128	869908	20.330	ng/ul 99
30) 4-Chloroaniline	8.10	127	301469	20.567	ng/ul 99
31) Hexachlorobutadiene	8.18	225	167372	20.279	ng/ul 99
32) Caprolactam	8.44	113	81745m	19.669	ng/ul
33) 4-Chloro-3-methylphenol	8.59	107	257496	20.096	ng/ul 99
34) 2-Methylnaphthalene	8.75	142	609280	20.503	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	8.85	142	577815	20.262	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	8.92	216	302682	19.865	ng/ul	100
38) Hexachlorocyclopentadiene	8.91	237	72608	16.154	ng/ul	99
39) 2,4,6-Trichlorophenol	9.03	196	180137	19.712	ng/ul	99
40) 2,4,5-Trichlorophenol	9.08	196	193276	19.487	ng/ul	99
41) 1,1'-Biphenyl	9.22	154	747661	20.239	ng/ul	100
42) 2-Chloronaphthalene	9.24	162	578672	20.093	ng/ul	100
43) 2-Nitroaniline	9.33	65	131494	20.217	ng/ul	96
45) Dimethylphthalate	9.52	163	682808	20.223	ng/ul	100
46) 2,6-Dinitrotoluene	9.58	165	139736	20.864	ng/ul	95
48) Acenaphthylene	9.66	152	873420	20.307	ng/ul	100
49) 3-Nitroaniline	9.75	138	145606	20.787	ng/ul	97
50) Acenaphthene	9.83	153	602989	20.253	ng/ul	100
51) 2,4-Dinitrophenol	9.86	184	38633	15.666	ng/ul	97
53) 4-Nitrophenol	9.92	109	69980	19.635	ng/ul	97
54) Dibenzofuran	10.00	168	848874	20.486	ng/ul	98
55) 2,4-Dinitrotoluene	9.99	165	193517	20.917	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	10.13	232	143160	19.900	ng/ul	96
57) Diethylphthalate	10.22	149	667766	20.478	ng/ul	98
59) Fluorene	10.35	166	667872	20.741	ng/ul	100
60) 4-Chlorophenyl-phenylether	10.35	204	336049	20.370	ng/ul	99
61) 4-Nitroaniline	10.36	138	164261	20.592	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	10.40	198	87922	19.576	ng/ul	100
65) N-Nitrosodiphenylamine	10.46	169	584154	20.368	ng/ul	99
66) 4-Bromophenyl-phenylether	10.84	248	210646	20.240	ng/ul	99
67) Hexachlorobenzene	10.91	284	220746	20.026	ng/ul	99
68) Atrazine	10.99	200	199329	20.478	ng/ul	99
69) Pentachlorophenol	11.10	266	72627	16.739	ng/ul	98
70) Phenanthrene	11.32	178	1007532	20.560	ng/ul	99
72) Anthracene	11.37	178	1024084	20.592	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	9.20	216	294845	19.878	ng/uL	100
74) Pentachlorobenzene	9.97	250	277296	19.936	ng/uL	99
75) Carbazole	11.53	167	918884	21.657	ng/ul	100
76) Di-n-butylphthalate	11.87	149	1067413	20.963	ng/ul	100
77) Fluoranthene	12.52	202	1115882	22.223	ng/ul	99
80) Pvrene	12.76	202	1126554	20.073	ng/ul	100
81) Butylbenzylphthalate	13.39	149	458774	20.003	ng/ul	99
82) 3,3'-Dichlorobenzidine	13.92	252	391629	19.489	ng/ul	100
83) Benzo(a)anthracene	13.96	228	1069467	20.144	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	638055	20.929	ng/ul	100
85) Chrysene	14.00	228	1001487	20.295	ng/ul	100
87) Di-n-octyl phthalate	14.58	149	1072154	21.422	ng/ul	100
88) Benzo(b)fluoranthene	15.02	252	1096795	21.058	ng/ul	99
89) Benzo(k)fluoranthene	15.05	252	960911	19.373	ng/ul	100
91) Benzo(a)pyrene	15.38	252	988118	20.037	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	16.91	276	1120724	19.826	ng/ul	99
93) Dibenzo(a,h)anthracene	16.93	278	931977	20.113	ng/ul	98
94) Benzo(a,h,i)perylene	17.35	276	922457	19.600	ng/ul	99

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

