

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
 Data File : BP004176.D
 Acq On : 07 Dec 2020 10:57
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 SSTD020014

Manual Integrations
 APPROVED

mohammad
 12/8/2020 2:05:32 PM

Quant Time: Dec 07 12:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 12:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	389111	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1637273	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	1012196	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.26	188	2179433	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2235800	20.00	ng/ul	0.00
88) Perylene-d12	23.72	264	2310551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	82766	8.17	ng/uL	0.00
4) Pyridine-d5	3.75	84	565037	19.64	ng/ul	0.00
7) Phenol-d5	7.01	99	641186	18.43	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.19	67	412924	20.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.39	132	489513	18.08	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	492304	17.96	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	256309	19.20	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	191203	15.69	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	489392	18.25	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	765283	19.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.91	166	1526751	18.99	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1917485	19.41	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	232020	17.63	ng/ul	0.00
60) Fluorene-d10	15.50	176	1356743	19.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.61	200	142456	16.09	ng/ul	0.00
73) Anthracene-d10	17.36	188	2070259	19.33	ng/ul	0.00
81) Pyrene-d10	19.60	212	2340983	19.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.57	264	2390872	19.26	ng/ul	0.00

Target Compounds

				Ovalue
2) 1,4-Dioxane	3.38	88	90426m	8.239 ng/uL
5) Pyridine	3.76	79	582114	20.009 ng/ul
6) Benzaldehyde	6.99	77	241600	15.629 ng/ul
8) Phenol	7.03	94	687963	19.329 ng/ul
10) Bis(2-Chloroethyl)ether	7.28	93	576318	20.179 ng/ul
12) 2-Chlorophenol	7.42	128	515105	18.821 ng/ul
13) 2-Methylphenol	8.29	108	504134	18.612 ng/ul
14) 2,2'-oxybis(1-Chloropropan	8.39	45	713611	20.973 ng/ul
16) Acetophenone	8.67	105	859167	20.234 ng/ul
17) N-Nitroso-di-n-propylamine	8.66	70	429143	19.243 ng/ul
18) 4-Methylphenol	8.62	108	545540	18.897 ng/ul
19) Hexachloroethane	8.94	117	226211	19.301 ng/ul
22) Nitrobenzene	9.05	77	659281	20.264 ng/ul
23) Isophorone	9.58	82	1224805	18.633 ng/ul
25) 2-Nitrophenol	9.76	139	231938	17.761 ng/ul
26) 2,4-Dimethylphenol	9.82	107	580762	18.337 ng/ul
27) Bis(2-Chloroethoxy)methane	10.06	93	767292	19.619 ng/ul
29) 2,4-Dichlorophenol	10.29	162	492635	19.014 ng/ul
30) Naphthalene	10.70	128	1810719	19.778 ng/ul
32) 4-Chloroaniline	10.80	127	750349	19.964 ng/ul
33) Hexachlorobutadiene	10.99	225	356406	19.167 ng/ul
34) Caprolactam	11.55	113	148804m	15.565 ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.93	107	503230	17.495	ng/ul	98
36) 2-Methylnaphthalene	12.32	142	1248048	19.354	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	1212401	19.557	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	685155	20.157	ng/ul	99
40) Hexachlorocyclopentadiene	12.67	237	350719	16.506	ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	351711	17.969	ng/ul	99
42) 2,4,5-Trichlorophenol	12.99	196	384531	18.242	ng/ul	99
43) 1,1'-Biphenyl	13.33	154	1635142	20.201	ng/ul	100
44) 2-Chloronaphthalene	13.37	162	1304619	20.326	ng/ul	98
45) 2-Nitroaniline	13.57	65	297085	18.851	ng/ul	99
47) Dimethylphthalate	13.96	163	1580632	19.368	ng/ul	99
48) 2,6-Dinitrotoluene	14.07	165	291409	19.675	ng/ul	97
50) Acenaphthylene	14.22	152	1931519	19.733	ng/ul	100
51) 3-Nitroaniline	14.39	138	188220	13.616	ng/ul	96
52) Acenaphthene	14.56	153	1356268	19.640	ng/ul	100
53) 2,4-Dinitrophenol	14.60	184	81014	14.189	ng/ul	94
55) 4-Nitrophenol	14.69	109	180597	18.248	ng/ul	91
56) Dibenzofuran	14.90	168	1907628	19.928	ng/ul	100
57) 2,4-Dinitrotoluene	14.86	165	412870	20.407	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	315416	18.345	ng/ul	96
59) Diethylphthalate	15.33	149	1517726	18.424	ng/ul	99
61) Fluorene	15.55	166	1561262	19.657	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.55	204	805716	19.445	ng/ul	99
63) 4-Nitroaniline	15.56	138	179848	13.761	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.62	198	168557	17.057	ng/ul	96
67) N-Nitrosodiphenylamine	15.76	169	1301213	19.400	ng/ul	97
68) 4-Bromophenyl-phenylether	16.45	248	492287	18.872	ng/ul	97
69) Hexachlorobenzene	16.56	284	572442	19.678	ng/ul	97
70) Atrazine	16.72	200	449940	17.173	ng/ul	99
71) Pentachlorophenol	16.90	266	237087	17.063	ng/ul	100
72) Phenanthrene	17.30	178	2495280	19.903	ng/ul	99
74) Anthracene	17.39	178	2530294	19.811	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	678222	20.499	ng/uL	99
76) Pentachlorobenzene	14.82	250	673760	20.148	ng/uL	99
77) Carbazole	17.66	167	2160461	19.917	ng/ul	100
78) Di-n-butylphthalate	18.23	149	2391669	16.915	ng/ul	100
80) Fluoranthene	19.27	202	2913081	19.558	ng/ul	99
82) Pyrene	19.63	202	3054643	20.189	ng/ul	100
83) Butylbenzylphthalate	20.51	149	875520	14.244	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.27	252	770570	15.191	ng/ul	98
85) Benzo(a)anthracene	21.33	228	2976086	19.788	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.27	149	1453945	15.678	ng/ul	98
87) Chrysene	21.39	228	2865890	19.896	ng/ul	99
89) Di-n-octyl phthalate	22.20	149	2156154	15.617	ng/ul	100
90) Benzo(b)fluoranthene	23.00	252	2888700	19.416	ng/ul	100
91) Benzo(k)fluoranthene	23.05	252	3051571	21.174	ng/ul	99
93) Benzo(a)pyrene	23.62	252	2742997	20.074	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.15	276	3365777	19.232	ng/ul	99
95) Dibenzo(a,h)anthracene	26.17	278	2840902	19.448	ng/ul	100
96) Benzo(g,h,i)perylene	26.90	276	2804012	19.093	ng/ul	99

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

