

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030521\
 Data File : BP004910.D
 Acq On : 05 Mar 2021 11:13
 Operator : CG/JU
 Sample : SST04077
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST04077

Manual Integrations
 APPROVED

mohammad
 3/8/2021 9:36:16 AM

Quant Time: Mar 05 11:48:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 05 11:17:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	39874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	159228	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	108678	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	250062	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	292255	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	294395	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14471	14.28	ng/uL	0.00
5) Phenol-d5	6.92	99	121696	37.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	62022	36.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	95471	38.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	97887	37.83	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	46138	39.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	53185	40.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	104794	42.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	123089	43.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	314366	39.54	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	388927	39.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	56340	39.61	ng/ul	0.00
58) Fluorene-d10	15.39	176	274539	40.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	65819	40.37	ng/ul	0.00
71) Anthracene-d10	17.25	188	445146	39.25	ng/ul	0.00
79) Pyrene-d10	19.49	212	527797	38.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	600813	39.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	14782	13.404	ng/uL# 87
4) Benzaldehyde	6.89	77	71779	43.251	ng/ul 93
6) Phenol	6.94	94	126243	36.984	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.17	93	93790	37.334	ng/ul 97
10) 2-Chlorophenol	7.30	128	100449	38.287	ng/ul 97
11) 2-Methylphenol	8.19	108	95913	37.675	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	94095	57.931	ng/ul 99
14) Acetophenone	8.56	105	159621	37.317	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.55	70	76673	37.055	ng/ul 99
16) 4-Methylphenol	8.52	108	104591	38.182	ng/ul 94
17) Hexachloroethane	8.81	117	43870	37.981	ng/ul 93
20) Nitrobenzene	8.94	77	118404	37.651	ng/ul 96
21) Isophorone	9.46	82	207777	38.618	ng/ul 97
23) 2-Nitrophenol	9.65	139	60597	41.356	ng/ul 92
24) 2,4-Dimethylphenol	9.71	107	127791	39.281	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.95	93	124607	38.355	ng/ul 97
27) 2,4-Dichlorophenol	10.18	162	102563	40.476	ng/ul 97
28) Naphthalene	10.58	128	322751	38.302	ng/ul 99
30) 4-Chloroaniline	10.70	127	124969	43.068	ng/ul 99
31) Hexachlorobutadiene	10.86	225	78439	42.258	ng/ul 96
32) Caprolactam	11.48	113	31914m	38.771	ng/ul
33) 4-Chloro-3-methylphenol	11.83	107	117582	40.751	ng/ul 95
34) 2-Methylnaphthalene	12.20	142	239517	39.950	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	229660	39.419	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	145993	41.905	ng/ul	94
38) Hexachlorocyclopentadiene	12.55	237	93754	42.230	ng/ul#	90
39) 2,4,6-Trichlorophenol	12.82	196	92421	42.353	ng/ul	95
40) 2,4,5-Trichlorophenol	12.89	196	99352	42.484	ng/ul	96
41) 1,1'-Biphenyl	13.22	154	316847	38.939	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	251181	39.276	ng/ul	98
43) 2-Nitroaniline	13.47	65	71312	38.966	ng/ul	98
45) Dimethylphthalate	13.85	163	324110	39.659	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	69216	42.350	ng/ul	99
48) Acenaphthylene	14.11	152	369284	39.625	ng/ul	98
49) 3-Nitroaniline	14.30	138	60295	40.402	ng/ul	100
50) Acenaphthene	14.46	153	265466	39.228	ng/ul	98
51) 2,4-Dinitrophenol	14.51	184	45453	43.246	ng/ul	94
53) 4-Nitrophenol	14.62	109	59026	38.225	ng/ul	94
54) Dibenzofuran	14.79	168	383678	39.175	ng/ul	97
55) 2,4-Dinitrotoluene	14.76	165	100787	41.857	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.02	232	93848	45.442	ng/ul	98
57) Diethylphthalate	15.23	149	327367	39.609	ng/ul	98
59) Fluorene	15.45	166	325932	39.903	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	179976	41.833	ng/ul	95
61) 4-Nitroaniline	15.47	138	66857	39.215	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.53	198	66676	40.346	ng/ul	97
65) N-Nitrosodiphenylamine	15.66	169	280482	38.200	ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	114318	43.215	ng/ul	96
67) Hexachlorobenzene	16.45	284	128975	42.476	ng/ul	98
68) Atrazine	16.62	200	115110	39.996	ng/ul	99
69) Pentachlorophenol	16.80	266	81409	43.747	ng/ul	99
70) Phenanthrene	17.19	178	524755	38.610	ng/ul	100
72) Anthracene	17.29	178	543432	39.168	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	148695	39.941	ng/uL	97
74) Pentachlorobenzene	14.71	250	149838	41.322	ng/uL	95
75) Carbazole	17.56	167	469319	38.463	ng/ul	98
76) Di-n-butylphthalate	18.12	149	565737	39.219	ng/ul	99
77) Fluoranthene	19.17	202	648844	39.801	ng/ul	99
80) Pvrene	19.52	202	679007	37.613	ng/ul	98
81) Butylbenzylphthalate	20.40	149	255603	36.287	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.16	252	258342	42.444	ng/ul	98
83) Benzo(a)anthracene	21.23	228	701865	38.866	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	384983	36.578	ng/ul	97
85) Chrysene	21.28	228	670997	38.137	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	658186	33.212	ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	728657	38.927	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	715234	38.641	ng/ul	99
91) Benzo(a)pyrene	23.45	252	640975	39.000	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.90	276	819498	38.961	ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	704577	39.381	ng/ul	99
94) Benzo(a,h,i)perylene	26.63	276	679588	38.809	ng/ul	98

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

