

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030221\
 Data File : BP004881.D
 Acq On : 02 Mar 2021 12:25
 Operator : CG/JU
 Sample : SST08077
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST08077

Manual Integrations
 APPROVED

mohammad
 3/2/2021 3:22:14 PM

Quant Time: Mar 02 12:57:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 02 11:50:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	36325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.534	136	147114	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.398	164	94264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.151	188	204972	20.00	ng/ul	0.00
78) Chrysene-d12	21.245	240	213623	20.00	ng/ul	0.00
86) Perylene-d12	23.539	264	202420	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	29560	31.45	ng/uL	0.00
5) Phenol-d5	6.928	99	241693	82.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.081	67	123323	81.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.281	132	193441	87.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.463	113	190358	82.99	ng/ul	0.00
19) Nitrobenzene-d5	8.904	128	91121	89.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.622	143	106178	95.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.163	165	198333	88.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.681	131	210934	84.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.810	166	566511	82.79	ng/ul	0.00
47) Acenaphthylene-d8	14.092	160	727148	87.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.622	143	108371	90.62	ng/ul	0.02
58) Fluorene-d10	15.398	176	485412	82.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.528	200	115319	93.08	ng/ul	0.02
71) Anthracene-d10	17.257	188	769271	85.10	ng/ul	0.00
79) Pyrene-d10	19.498	212	855431	85.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.398	264	890250	86.94	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	29599	31.48	ng/uL#	94
4) Benzaldehyde	6.887	77	105914	69.34	ng/ul	98
6) Phenol	6.952	94	250655	82.46	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.175	93	182493	81.37	ng/ul	95
10) 2-Chlorophenol	7.316	128	199094	85.63	ng/ul	96
11) 2-Methylphenol	8.193	108	190125	84.08	ng/ul	94
12) 2,2'-oxybis(1-Chloropr...	8.269	45	119738	68.58	ng/ul	97
14) Acetophenone	8.569	105	315493	83.61	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.569	70	156591	87.63	ng/ul	95
16) 4-Methylphenol	8.528	108	205267	84.20	ng/ul	100
17) Hexachloroethane	8.816	117	85530	83.95	ng/ul	93
20) Nitrobenzene	8.946	77	240889	85.22	ng/ul	93
21) Isophorone	9.481	82	417531	86.85	ng/ul	99
23) 2-Nitrophenol	9.657	139	113563	92.60	ng/ul	94
24) 2,4-Dimethylphenol	9.722	107	245380	82.77	ng/ul	98
25) Bis(2-Chloroethoxy)met...	9.957	93	244375	83.32	ng/ul	98
27) 2,4-Dichlorophenol	10.193	162	195289	86.74	ng/ul	99
28) Naphthalene	10.587	128	626633	82.75	ng/ul	99
30) 4-Chloroaniline	10.704	127	214870	83.50	ng/ul	98
31) Hexachlorobutadiene	10.869	225	137058	80.86	ng/ul	96
32) Caprolactam	11.504	113	63852m	87.84	ng/ul	
33) 4-Chloro-3-methylphenol	11.845	107	226611	86.55	ng/ul	95
34) 2-Methylnaphthalene	12.204	142	451223	82.66	ng/ul	96
35) 1-Methylnaphthalene	12.428	142	437739	82.68	ng/ul	98
37) 1,2,4,5-Tetrachloroben...	12.575	216	248278	80.44	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.557	237	164307	81.92	ng/ul	99
39) 2,4,6-Trichlorophenol	12.822	196	162634	91.57	ng/ul	99
40) 2,4,5-Trichlorophenol	12.898	196	175378	89.84	ng/ul	93
41) 1,1'-Biphenyl	13.228	154	581994	83.75	ng/ul	98
42) 2-Chloronaphthalene	13.269	162	459674	84.08	ng/ul	99
43) 2-Nitroaniline	13.481	65	143492	96.57	ng/ul	94
45) Dimethylphthalate	13.863	163	577335	81.82	ng/ul	100
46) 2,6-Dinitrotoluene	13.981	165	127319	95.13	ng/ul	99
48) Acenaphthylene	14.122	152	676465	86.00	ng/ul	99
49) 3-Nitroaniline	14.310	138	104017	87.29	ng/ul	97
50) Acenaphthene	14.463	153	493123	84.49	ng/ul	98
51) 2,4-Dinitrophenol	14.516	184	84988	101.01	ng/ul	96
53) 4-Nitrophenol	14.639	109	113222	84.00	ng/ul	97
54) Dibenzofuran	14.798	168	693250	83.07	ng/ul	99
55) 2,4-Dinitrotoluene	14.775	165	183168	93.85	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.028	232	156454	89.11	ng/ul	98
57) Diethylphthalate	15.233	149	596926	84.30	ng/ul	99
59) Fluorene	15.451	166	596616	85.65	ng/ul	97
60) 4-Chlorophenyl-phenyle...	15.445	204	305382	81.05	ng/ul	98
61) 4-Nitroaniline	15.486	138	116133	82.92	ng/ul	90
64) 4,6-Dinitro-2-methylph...	15.539	198	117946	94.15	ng/ul#	99
65) N-Nitrosodiphenylamine	15.663	169	503208	86.02	ng/ul	99
66) 4-Bromophenyl-phenylether	16.345	248	185435	83.60	ng/ul	96
67) Hexachlorobenzene	16.457	284	199098	81.07	ng/ul	93
68) Atrazine	16.628	200	199191	84.66	ng/ul	97
69) Pentachlorophenol	16.804	266	133201	90.38	ng/ul	98
70) Phenanthrene	17.198	178	909725	83.31	ng/ul	99
72) Anthracene	17.292	178	944526	85.05	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.187	216	253714	83.85	ng/uL	97
74) Pentachlorobenzene	14.716	250	244143	82.45	ng/uL	98
75) Carbazole	17.563	167	821080	84.46	ng/ul	99
76) Di-n-butylphthalate	18.122	149	1032329	94.19	ng/ul	99
77) Fluoranthene	19.174	202	1079611	82.31	ng/ul	99
80) Pyrene	19.527	202	1105880	85.23	ng/ul	99
81) Butylbenzylphthalate	20.398	149	472534	104.12	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.163	252	369074	86.95	ng/ul	99
83) Benzo(a)anthracene	21.227	228	1074177	83.96	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.157	149	716184	103.40	ng/ul	100
85) Chrysene	21.280	228	1041047	82.07	ng/ul	99
87) Di-n-octyl phthalate	22.045	149	1186750	95.99	ng/ul	100
88) Benzo(b)fluoranthene	22.851	252	1068264	83.84	ng/ul	99
89) Benzo(k)fluoranthene	22.898	252	1090721	87.94	ng/ul	99
91) Benzo(a)pyrene	23.451	252	946926	84.47	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.915	276	1196117	83.94	ng/ul	95
93) Dibenzo(a,h)anthracene	25.927	278	1017882	84.03	ng/ul	98
94) Benzo(g,h,i)perylene	26.639	276	992195	84.16	ng/ul	99

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

