

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004400.D
 Acq On : 13 Feb 2019 19:33
 Operator : JU/SJ
 Sample : MDL-S-05
 Misc : 1PPM/4PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Manual Integrations
 APPROVED

Sohil
 2/14/2019 5:11:07 PM

Quant Time: Feb 14 07:04:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 06:43:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	32142	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	150275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	95437	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	230377	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	296867	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	334717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3754	7.02	ng/uL	0.00
5) Phenol-d5	6.90	99	70754	24.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	38864	27.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	64207	27.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	60993	24.77	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	30026	30.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	31929	30.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	63309	26.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	87890	33.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	232677	28.75	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	278264	29.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	37580	24.25	ng/ul	0.00
58) Fluorene-d10	15.38	176	203012	28.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	31860	23.71	ng/ul	0.00
71) Anthracene-d10	17.23	188	324983	29.43	ng/ul	0.00
79) Pyrene-d10	19.53	212	391148	29.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	462135	26.31	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	875	1.330 ng/uL#	72
4) Benzaldehyde	6.90	77	3856	2.345 ng/ul	92
6) Phenol	6.93	94	8836	3.089 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	6712	3.281 ng/ul	96
10) 2-Chlorophenol	7.31	128	7722	3.339 ng/ul	97
11) 2-Methylphenol	8.18	108	6404	2.799 ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8100m	3.340 ng/ul	
14) Acetophenone	8.57	105	11342	3.091 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	4387	2.787 ng/ul#	94
16) 4-Methylphenol	8.50	108	7504	2.964 ng/ul	99
17) Hexachloroethane	8.82	117	2688	3.320 ng/ul	97
20) Nitrobenzene	8.95	77	7920	3.639 ng/ul	99
21) Isophorone	9.46	82	12973	2.910 ng/ul	99
23) 2-Nitrophenol	9.65	139	4155	3.567 ng/ul	95
24) 2,4-Dimethylphenol	9.70	107	8516	3.241 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	9155	3.164 ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	7888	3.393 ng/ul	97
28) Naphthalene	10.59	128	27625	3.565 ng/ul	99
30) 4-Chloroaniline	10.70	127	8755	3.359 ng/ul	99
31) Hexachlorobutadiene	10.85	225	5732	3.814 ng/ul	96
32) Caprolactam	11.49	113	1202	1.531 ng/ul	95
33) 4-Chloro-3-methylphenol	11.81	107	7227	2.883 ng/ul	96
34) 2-Methylnaphthalene	12.20	142	20798	3.499 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	20290	3.462	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11752	3.699	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	6043	3.059	ng/ul	96
39) 2,4,6-Trichlorophenol	12.80	196	5288	2.817	ng/ul	95
40) 2,4,5-Trichlorophenol	12.88	196	6100	2.893	ng/ul	94
41) 1,1'-Biphenyl	13.22	154	27474	3.563	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	21404	3.568	ng/ul	99
43) 2-Nitroaniline	13.47	65	2895	2.364	ng/ul	100
45) Dimethylphthalate	13.85	163	27729	3.466	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	3619	2.565	ng/ul	94
48) Acenaphthylene	14.11	152	32364	3.555	ng/ul	99
49) 3-Nitroaniline	14.30	138	2960	2.056	ng/ul#	91
50) Acenaphthene	14.45	153	23335	3.558	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1612	1.837	ng/ul	95
53) 4-Nitrophenol	14.59	109	3520	3.055	ng/ul	91
54) Dibenzofuran	14.79	168	34356	3.621	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	6324	2.858	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	5562	2.891	ng/ul#	97
57) Diethylphthalate	15.21	149	24833	3.145	ng/ul	98
59) Fluorene	15.43	166	27869	3.625	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	14730	3.621	ng/ul	99
61) 4-Nitroaniline	15.46	138	3526	1.882	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	4345	3.076	ng/ul#	80
65) N-Nitrosodiphenylamine	15.65	169	23029	3.490	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	8812	3.423	ng/ul	98
67) Hexachlorobenzene	16.43	284	10821	3.589	ng/ul	97
68) Atrazine	16.60	200	6607	2.600	ng/ul	97
69) Pentachlorophenol	16.77	266	4008	2.280	ng/ul	96
70) Phenanthrene	17.17	178	46134	3.609	ng/ul	99
72) Anthracene	17.27	178	46124	3.584	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	11938	3.778	ng/uL	99
74) Pentachlorobenzene	14.70	250	12466	3.691	ng/uL	98
75) Carbazole	17.54	167	37753	3.284	ng/ul	99
76) Di-n-butylphthalate	18.10	149	32531	2.577	ng/ul	99
77) Fluoranthene	19.20	202	52499	3.336	ng/ul	97
80) Pvrene	19.56	202	59333	3.614	ng/ul	99
81) Butylbenzylphthalate	20.46	149	12567	2.228	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	11249	1.807	ng/ul	100
83) Benzo(a)anthracene	21.32	228	62831	3.434	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	18424	2.179	ng/ul	100
85) Chrysene	21.37	228	62392	3.592	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	33795	2.109	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	66394	3.349	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	67616	3.509	ng/ul	100
91) Benzo(a)pyrene	23.50	252	69656	3.601	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	84002	3.420	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	70249	3.438	ng/ul	97
94) Benzo(a,h,i)perylene	26.60	276	70999	3.449	ng/ul	99

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

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