

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007281.D
 Acq On : 24 Aug 2016 16:42
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 MDL-06-W

Manual Integrations
 APPROVED

sohil
 8/24/2016 7:28:31 PM

Quant Time: Aug 24 17:28:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	162734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	831486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	601113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1660536	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2470075	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2698957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	10943	3.44	ng/uL	0.00
5) Phenol-d5	6.97	99	490938	31.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	290512	35.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	386263	34.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	441653	32.94	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	211862	34.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	251743	35.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	453454	31.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	645058	36.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1902783	36.69	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2120910	35.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	347401	35.49	ng/ul	0.00
57) Fluorene-d10	15.43	176	1602130	35.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	356913	34.18	ng/ul	0.00
70) Anthracene-d10	17.27	188	2735791	35.27	ng/ul	0.00
76) Pyrene-d10	19.57	212	3496478	33.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4351899	35.01	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	3185m	0.90	ng/uL
4) Benzaldehyde	6.95	77	33633	3.84	ng/ul
6) Phenol	6.99	94	46188	2.90	ng/ul
8) Bis(2-Chloroethyl)ether	7.23	93	35990	3.24	ng/ul
10) 2-Chlorophenol	7.37	128	33267	2.86	ng/ul
11) 2-Methylphenol	8.23	108	34807	2.79	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.33	45	38442	3.08	ng/ul
14) Acetophenone	8.62	105	64945	3.16	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	31639	2.90	ng/ul
16) 4-Methylphenol	8.56	108	41130	2.94	ng/ul
17) Hexachloroethane	8.87	117	14459	3.20	ng/ul
20) Nitrobenzene	9.00	77	48984	3.12	ng/ul
21) Isophorone	9.52	82	93862	2.94	ng/ul
23) 2-Nitrophenol	9.70	139	23250	3.00	ng/ul#
24) 2,4-Dimethylphenol	9.76	107	50012	2.93	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	52625	2.92	ng/ul
27) 2,4-Dichlorophenol	10.23	162	40098	2.84	ng/ul
28) Naphthalene	10.63	128	125039	3.02	ng/ul
30) 4-Chloroaniline	10.75	127	56230	3.09	ng/ul
31) Hexachlorobutadiene	10.92	225	29879	3.14	ng/ul
32) Caprolactam	11.54	113	15045m	2.65	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	47193	2.70	ng/ul
34) 2-Methylnaphthalene	12.24	142	101421	3.00	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	62881	3.14	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	27264	2.26	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	37897	2.68	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	40528m	2.75	ng/ul	
40) 1,1'-Biphenyl	13.26	154	142684	3.06	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	111361	3.05	ng/ul	96
42) 2-Nitroaniline	13.51	65	32134	2.69	ng/ul	98
44) Dimethylphthalate	13.89	163	167536	3.24	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	28916	2.74	ng/ul#	88
47) Acenaphthylene	14.15	152	191045	3.09	ng/ul	98
48) 3-Nitroaniline	14.34	138	29968	2.78	ng/ul#	91
49) Acenaphthene	14.50	153	123598	3.07	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	13328	1.86	ng/ul	92
52) 4-Nitrophenol	14.64	109	34363	3.30	ng/ul	94
53) Dibenzofuran	14.83	168	189679	3.15	ng/ul	92
54) 2,4-Dinitrotoluene	14.80	165	48562	3.00	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	42797	2.83	ng/ul#	95
56) Diethylphthalate	15.26	149	168034	3.12	ng/ul	99
58) Fluorene	15.48	166	159716	3.22	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.47	204	85623	3.30	ng/ul	99
60) 4-Nitroaniline	15.50	138	36960	3.02	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	33564	3.01	ng/ul#	50
64) N-Nitrosodiphenylamine	15.69	169	143206	3.09	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	55610	2.97	ng/ul	95
66) Hexachlorobenzene	16.48	284	66294	3.16	ng/ul	94
67) Atrazine	16.64	200	58063	2.97	ng/ul	98
68) Pentachlorophenol	16.83	266	31980	2.36	ng/ul	94
69) Phenanthrene	17.22	178	277141	3.11	ng/ul	99
71) Anthracene	17.31	178	284121	3.09	ng/ul	99
72) Carbazole	17.58	167	250673	3.13	ng/ul	98
73) Di-n-butylphthalate	18.14	149	288577	2.87	ng/ul	98
74) Fluoranthene	19.23	202	375170	3.35	ng/ul	97
77) Pyrene	19.60	202	408791	3.08	ng/ul	96
78) Butylbenzylphthalate	20.49	149	136034	2.47	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	144778	2.95	ng/ul	100
80) Benzo(a)anthracene	21.34	228	458737	3.15	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.27	149	207318	2.59	ng/ul	99
82) Chrysene	21.39	228	412705	3.13	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	371849	2.77	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	507045	3.18	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	460433	3.12	ng/ul	99
88) Benzo(a)pyrene	23.53	252	483366	3.17	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	592093	3.16	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	502052	3.22	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	499953	3.14	ng/ul	96

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

