

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
 Data File : BG028035.D
 Acq On : 27 Jul 2017 20:29
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV77

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:45:50 PM

Quant Time: Jul 27 21:02:49 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 27 20:38:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	32949	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	139800	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	108896	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.73	188	310008	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	429705	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	425873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3874	7.62	ng/uL	0.00
5) Phenol-d5	7.51	99	45641	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	24882	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	40932	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	42011	18.91	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	20522	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	25971	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	52037	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	58510	23.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.37	166	202520	20.55	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	216154	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	29352	19.83	ng/ul	0.00
58) Fluorene-d10	15.96	176	181939	20.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	43298	19.61	ng/ul	0.00
71) Anthracene-d10	17.83	188	308693	20.79	ng/ul	0.00
79) Pyrene-d10	20.10	212	383688	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	407109	20.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.89	88	4645	8.522	ng/uL# 81
4) Benzaldehyde	7.51	77	28012	22.745	ng/ul# 81
6) Phenol	7.54	94	44213	18.317	ng/ul# 92
8) Bis(2-Chloroethyl)ether	7.77	93	32589	19.074	ng/ul 99
10) 2-Chlorophenol	7.93	128	38080	19.703	ng/ul# 87
11) 2-Methylphenol	8.80	108	34590	18.380	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.89	45	41184	18.362	ng/ul 97
14) Acetophenone	9.19	105	60552	18.760	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.16	70	29683	19.590	ng/ul 94
16) 4-Methylphenol	9.12	108	39700	19.013	ng/ul 93
17) Hexachloroethane	9.45	117	15461	19.996	ng/ul# 85
20) Nitrobenzene	9.58	77	43694	20.823	ng/ul 91
21) Isophorone	10.09	82	84611	21.101	ng/ul# 93
23) 2-Nitrophenol	10.29	139	25696	21.428	ng/ul# 89
24) 2,4-Dimethylphenol	10.33	107	47850	19.949	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.57	93	49342	21.183	ng/ul 97
27) 2,4-Dichlorophenol	10.83	162	48957	20.975	ng/ul 95
28) Naphthalene	11.24	128	129792	20.569	ng/ul 98
30) 4-Chloroaniline	11.35	127	54277	23.085	ng/ul 93
31) Hexachlorobutadiene	11.52	225	41444	20.523	ng/ul 92
32) Caprolactam	12.10	113	16693m	22.283	ng/ul
33) 4-Chloro-3-methylphenol	12.44	107	46949	20.644	ng/ul 92
34) 2-Methylnaphthalene	12.82	142	111240	20.428	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	109503	20.738	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	83247	19.843	ng/ul#	99
38) Hexachlorocyclopentadiene	13.15	237	44714	18.178	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.41	196	50568	20.195	ng/ul	97
40) 2,4,5-Trichlorophenol	13.49	196	51205	19.248	ng/ul	87
41) 1,1'-Biphenyl	13.81	154	159496	20.151	ng/ul#	99
42) 2-Chloronaphthalene	13.86	162	129037	20.214	ng/ul	97
43) 2-Nitroaniline	14.06	65	30251	20.107	ng/ul	91
45) Dimethylphthalate	14.41	163	184362	20.420	ng/ul	98
46) 2,6-Dinitrotoluene	14.54	165	37798	20.855	ng/ul	90
48) Acenaphthylene	14.70	152	208279	20.613	ng/ul	99
49) 3-Nitroaniline	14.88	138	33571	22.288	ng/ul	84
50) Acenaphthene	15.04	153	135298	19.554	ng/ul	96
51) 2,4-Dinitrophenol	15.08	184	20499	17.719	ng/ul	94
53) 4-Nitrophenol	15.17	109	24622	20.449	ng/ul	94
54) Dibenzofuran	15.37	168	214382	20.379	ng/ul	93
55) 2,4-Dinitrotoluene	15.33	165	57065	21.082	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.59	232	57303	20.227	ng/ul#	96
57) Diethylphthalate	15.77	149	189469	19.989	ng/ul	97
59) Fluorene	16.02	166	188528	20.656	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	109934	20.165	ng/ul	99
61) 4-Nitroaniline	16.04	138	38347	21.435	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.09	198	40804	19.292	ng/ul#	88
65) N-Nitrosodiphenylamine	16.22	169	159814	20.422	ng/ul	98
66) 4-Bromophenyl-phenylether	16.90	248	81809	20.523	ng/ul	94
67) Hexachlorobenzene	17.03	284	92175	20.333	ng/ul	96
68) Atrazine	17.16	200	76826	20.577	ng/ul	96
69) Pentachlorophenol	17.37	266	43227	18.264	ng/ul	97
70) Phenanthrene	17.77	178	317251	20.584	ng/ul	98
72) Anthracene	17.86	178	331769	20.673	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	85767	19.836	ng/uL	96
74) Pentachlorobenzene	15.29	250	127638	19.864	ng/uL	96
75) Carbazole	18.13	167	277236	21.096	ng/ul	99
76) Di-n-butylphthalate	18.65	149	314565	21.558	ng/ul	99
77) Fluoranthene	19.76	202	436022	22.135	ng/ul#	94
80) Pyrene	20.13	202	456541	20.469	ng/ul#	93
81) Butylbenzylphthalate	21.00	149	137433	20.736	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.94	252	174955	22.255	ng/ul#	96
83) Benzo(a)anthracene	22.04	228	478571	20.967	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	197884	20.409	ng/ul#	96
85) Chrysene	22.11	228	426753	20.439	ng/ul	100
87) Di-n-octyl phthalate	23.21	149	337341	20.097	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	484432	20.432	ng/ul	97
89) Benzo(k)fluoranthene	24.52	252	484487	20.961	ng/ul#	97
91) Benzo(a)pyrene	25.41	252	475907	20.861	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.62	276	576182	20.812	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.69	278	487684	20.537	ng/ul#	97
94) Benzo(g,h,i)perylene	30.88	276	470520	20.500	ng/ul#	95

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

