

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
 Data File : BG027949.D
 Acq On : 17 Jul 2017 15:02
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV58

Quant Time: Jul 17 15:43:56 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 17 15:38:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	52812	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	214765	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	147397	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.73	188	377022	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	473981	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	438157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.87	96	8050	8.40	ng/uL	0.00
5) Phenol-d5	7.52	99	84131	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	47772	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	69395	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	69848	19.44	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	32660	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.27	143	40387	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	77105	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	68638	20.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	259231	20.29	ng/ul	0.00
46) Acenaphthylene-d8	14.68	160	293422	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	36014	19.46	ng/ul	0.00
57) Fluorene-d10	15.97	176	244273	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	49915	19.06	ng/ul	0.00
70) Anthracene-d10	17.83	188	375660	20.66	ng/ul	0.00
76) Pyrene-d10	20.10	212	445808	20.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.34	264	427669	20.90	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.90	88	8298	7.141 ng/uL#	80
4) Benzaldehyde	7.51	77	53737	19.965 ng/ul	86
6) Phenol	7.54	94	81716	19.403 ng/ul	90
8) Bis(2-Chloroethyl)ether	7.78	93	57706	19.011 ng/ul	94
10) 2-Chlorophenol	7.93	128	63547	20.048 ng/ul#	83
11) 2-Methylphenol	8.80	108	60255	19.484 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.89	45	112722	19.692 ng/ul	98
14) Acetophenone	9.19	105	99490	19.644 ng/ul	87
15) N-Nitroso-di-n-propylamine	9.16	70	50682	19.518 ng/ul#	94
16) 4-Methylphenol	9.13	108	68487	20.208 ng/ul	95
17) Hexachloroethane	9.46	117	26591	20.831 ng/ul#	84
20) Nitrobenzene	9.58	77	75367	20.630 ng/ul#	85
21) Isophorone	10.10	82	138585	20.827 ng/ul#	93
23) 2-Nitrophenol	10.30	139	38933	21.277 ng/ul#	68
24) 2,4-Dimethylphenol	10.34	107	77490	20.239 ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.57	93	81590	20.439 ng/ul	97
27) 2,4-Dichlorophenol	10.83	162	75279	20.902 ng/ul#	92
28) Naphthalene	11.24	128	206979	20.337 ng/ul	98
30) 4-Chloroaniline	11.35	127	63764	20.489 ng/ul	99
31) Hexachlorobutadiene	11.52	225	59716	20.731 ng/ul	90
32) Caprolactam	12.09	113	23492	21.922 ng/ul	90
33) 4-Chloro-3-methylphenol	12.45	107	71949	20.954 ng/ul#	84
34) 2-Methylnaphthalene	12.82	142	168960	20.531 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	112989	20.381	ng/ul#	90
37) Hexachlorocyclopentadiene	13.16	237	59482	18.134	ng/ul	98
38) 2,4,6-Trichlorophenol	13.42	196	68488	20.479	ng/ul	99
39) 2,4,5-Trichlorophenol	13.50	196	73492	20.450	ng/ul	99
40) 1,1'-Biphenyl	13.81	154	226435	20.103	ng/ul#	97
41) 2-Chloronaphthalene	13.86	162	177398	19.922	ng/ul	97
42) 2-Nitroaniline	14.06	65	51498	20.236	ng/ul#	81
44) Dimethylphthalate	14.41	163	238929	20.534	ng/ul	98
45) 2,6-Dinitrotoluene	14.54	165	48392	20.560	ng/ul#	84
47) Acenaphthylene	14.71	152	293499	20.569	ng/ul	97
48) 3-Nitroaniline	14.88	138	41995	20.527	ng/ul#	89
49) Acenaphthene	15.04	153	196436	20.348	ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	25166	18.563	ng/ul#	78
52) 4-Nitrophenol	15.18	109	29714	19.930	ng/ul#	71
53) Dibenzofuran	15.38	168	288652	20.222	ng/ul	93
54) 2,4-Dinitrotoluene	15.33	165	74845	21.815	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.60	232	71527	20.887	ng/ul#	91
56) Diethylphthalate	15.77	149	244208	20.127	ng/ul	95
58) Fluorene	16.02	166	245623	20.015	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.01	204	135588	19.926	ng/ul#	81
60) 4-Nitroaniline	16.04	138	52189	21.496	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	16.09	198	50067	19.997	ng/ul#	86
64) N-Nitrosodiphenylamine	16.22	169	210014	20.666	ng/ul	97
65) 4-Bromophenyl-phenylether	16.91	248	92479	20.128	ng/ul	92
66) Hexachlorobenzene	17.03	284	97679	20.221	ng/ul	96
67) Atrazine	17.16	200	90582	20.259	ng/ul	100
68) Pentachlorophenol	17.38	266	49703	18.940	ng/ul	91
69) Phenanthrene	17.77	178	400948	20.749	ng/ul	99
71) Anthracene	17.86	178	408472	20.623	ng/ul	97
72) Carbazole	18.13	167	342704	20.985	ng/ul	98
73) Di-n-butylphthalate	18.66	149	383508	21.418	ng/ul#	96
74) Fluoranthene	19.77	202	509835	21.554	ng/ul	97
77) Pyrene	20.12	202	533916	21.261	ng/ul	98
78) Butylbenzylphthalate	20.99	149	171240	21.270	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.94	252	161409	20.946	ng/ul#	97
80) Benzo(a)anthracene	22.04	228	544008	21.217	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.90	149	241583	21.059	ng/ul	97
82) Chrysene	22.11	228	489340	20.968	ng/ul	99
84) Di-n-octyl phthalate	23.21	149	413676	20.357	ng/ul	100
85) Benzo(b)fluoranthene	24.46	252	527836	21.111	ng/ul#	99
86) Benzo(k)fluoranthene	24.53	252	506917	20.669	ng/ul#	96
88) Benzo(a)pyrene	25.41	252	501568	20.761	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.61	276	572455	20.894	ng/ul	99
90) Dibenzo(a,h)anthracene	29.68	278	486134	21.138	ng/ul	96
91) Benzo(g,h,i)perylene	30.88	276	472130	20.887	ng/ul#	96

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

