Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017868.D
Acq On : 14 Jul 2015 21:23
Operator : TP/UM
Sample : MDL-01-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S

Manual Integrations APPROVED
apatel
7/16/2015 8:17:26 AM

Quant Time: Jul 15 06:45:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	62838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	277256	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	158967	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	321548	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	318348	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	298777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11161	6.36	ng/uL	0.00
5) Phenol-d5	6.77	99	195199	36.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	133156	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	156122	37.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	152647	36.74	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	81794	37.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	67809	41.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	120046	36.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	222925	46.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	436869	39.42	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	551999	38.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	73170	34.98	ng/ul	0.00
57) Fluorene-d10	15.24	176	395070	38.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	38468	25.57	ng/ul	0.00
70) Anthracene-d10	17.10	188	596703	40.95	ng/ul	0.00
78) Pyrene-d10	19.40	212	645405	43.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	578780	39.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1683m	0.90	ng/uL	
4) Benzaldehyde	6.74	77	14608	4.60	ng/ul	100
6) Phenol	6.79	94	19134	3.22	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	17002	3.51	ng/ul#	92
10) 2-Chlorophenol	7.16	128	14232	3.35	ng/ul	94
11) 2-Methylphenol	8.03	108	13110	3.04	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24542	3.48	ng/ul#	93
14) Acetophenone	8.40	105	23438	3.39	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	14441	3.39	ng/ul#	93
16) 4-Methylphenol	8.35	108	15597	3.31	ng/ul	93
17) Hexachloroethane	8.65	117	6674	3.29	ng/ul	85
20) Nitrobenzene	8.78	77	19653	3.44	ng/ul	98
21) Isophorone	9.30	82	37376	3.50	ng/ul	98
23) 2-Nitrophenol	9.48	139	6741	3.49	ng/ul#	94
24) 2,4-Dimethylphenol	9.55	107	16512	3.35	ng/ul	85
25) Bis(2-Chloroethoxy)methane	9.79	93	21579	3.60	ng/ul#	96
27) 2,4-Dichlorophenol	10.01	162	11679	3.48	ng/ul#	85
28) Naphthalene	10.42	128	50625	3.53	ng/ul	99
30) 4-Chloroaniline	10.53	127	17438	3.50	ng/ul#	85
31) Hexachlorobutadiene	10.70	225	6958	3.29	ng/ul#	85
32) Caprolactam	11.31	113	4356m	1.77	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	12021	2.91	ng/ul	91
34) 2-Methylnaphthalene	12.04	142	32937	3.39	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	14109	3.37	ng/ul#	89
37) Hexachlorocyclopentadiene	12.40	237	5774	2.66	ng/ul#	89
38) 2,4,6-Trichlorophenol	12.66	196	7389	3.26	ng/ul	90
39) 2,4,5-Trichlorophenol	12.73	196	7395	2.99	ng/ul	92
40) 1,1'-Biphenyl	13.07	154	43974	3.57	ng/ul	96
41) 2-Chloronaphthalene	13.11	162	31513	3.34	ng/ul	92
42) 2-Nitroaniline	13.31	65	7215	2.60	ng/ul	85
44) Dimethylphthalate	13.71	163	41339	3.55	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	5932	2.80	ng/ul	100
47) Acenaphthylene	13.97	152	56895	3.57	ng/ul	95
48) 3-Nitroaniline	14.15	138	6642	2.75	ng/ul#	75
49) Acenaphthene	14.31	153	36670	3.42	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	1008	1.13	ng/ul	94
52) 4-Nitrophenol	14.47	109	5743	3.24	ng/ul#	79
53) Dibenzofuran	14.65	168	48697	3.45	ng/ul	93
54) 2,4-Dinitrotoluene	14.61	165	8832	2.90	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.87	232	5536	2.90	ng/ul#	80
56) Diethylphthalate	15.08	149	43366	3.62	ng/ul	95
58) Fluorene	15.30	166	42510	3.47	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.30	204	19398	3.41	ng/ul	95
60) 4-Nitroaniline	15.32	138	7829	2.72	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	15.38	198	3886	2.32	ng/ul#	31
64) N-Nitrosodiphenylamine	15.52	169	34053	3.48	ng/ul	100
65) 4-Bromophenyl-phenylether	16.19	248	10210	3.31	ng/ul#	89
66) Hexachlorobenzene	16.30	284	11888	3.55	ng/ul	92
67) Atrazine	16.47	200	10550	3.14	ng/ul	98
68) Pentachlorophenol	16.65	266	2998	1.81	ng/ul#	66
69) Phenanthrene	17.04	178	64941	3.66	ng/ul	97
71) Anthracene	17.13	178	68359	3.76	ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12882	3.15	ng/uL#	77
73) Pentachlorobenzene	14.56	250	14900	3.80	ng/uL	99
74) Carbazole	17.40	167	58695	3.70	ng/ul	97
75) Di-n-butylphthalate	17.98	149	67566	3.40	ng/ul	96
76) Fluoranthene	19.07	202	68615	3.81	ng/ul	99
79) Pyrene	19.43	202	80082	4.09	ng/ul	98
80) Butylbenzylphthalate	20.35	149	22611	2.85	ng/ul#	96
81) 3,3'-Dichlorobenzidine	21.12	252	11386	2.39	ng/ul	88
82) Benzo(a)anthracene	21.18	228	67316	3.83	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.13	149	29482	2.69	ng/ul	97
84) Chrysene	21.23	228	66583	3.95	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	41003	2.34	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	58589	3.55	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	63015	3.71	ng/ul	94
90) Benzo(a)pyrene	23.32	252	62872	3.80	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	59705	3.37	ng/ul	91
92) Dibenzo(a,h)anthracene	25.68	278	50788	3.37	ng/ul#	89
93) Benzo(g,h,i)perylene	26.35	276	48575	3.28	ng/ul	94

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

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