Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039077.D
Acq On : 11 Jan 2019 7:06
Operator : JU/SJ
Sample : K1083-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONESMS

Manual Integrations APPROVED
Sohil
1/11/2019 4:44:37 PM

Quant Time: Jan 11 08:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24722	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	98975	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	69097	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	178582	20.00	ng		0.00
76) Chrysene-d12	21.69	240	192752	20.00	ng		0.00
87) Perylene-d12	24.97	264	210169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	165458	126.96	ng		0.00
7) Phenol-d6	7.19	99	211496	112.77	ng		0.00
23) Nitrobenzene-d5	9.20	82	145057	80.20	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	149417	129.00	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	399780	79.18	ng		0.00
79) Terphenyl-d14	20.02	244	811699	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	17559	34.406	ng	#	23
3) Pyridine	3.87	79	45811	33.035	ng		95
4) n-Nitrosodimethylamine	3.79	42	28505	45.680	ng		97
6) Aniline	7.36	93	27666	12.283	ng		95
8) 2-Chlorophenol	7.59	128	65710	42.773	ng		96
9) Benzaldehyde	7.17	77	21966	20.309	ng		94
10) Phenol	7.22	94	72226	38.411	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	55935	38.921	ng		98
12) 1,3-Dichlorobenzene	7.91	146	69793	37.919	ng		97
13) 1,4-Dichlorobenzene	8.06	146	72361	38.818	ng		98
14) 1,2-Dichlorobenzene	8.38	146	69546	39.129	ng		95
15) Benzyl Alcohol	8.27	79	60145	42.583	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	103963	37.726	ng		98
17) 2-Methylphenol	8.47	107	56562	43.320	ng		95
18) Hexachloroethane	9.10	117	24682	38.974	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	46946	38.118	ng		94
20) 3+4-Methylphenols	8.80	107	76273	40.973	ng		98
22) Acetophenone	8.86	105	99714	38.578	ng		96
24) Nitrobenzene	9.25	77	71016	38.844	ng		96
25) Isophorone	9.76	82	138051	44.308	ng		98
26) 2-Nitrophenol	9.96	139	39431	39.874	ng		99
27) 2,4-Dimethylphenol	10.01	122	65516	47.092	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	76370	40.784	ng		99
29) 2,4-Dichlorophenol	10.50	162	77677	44.942	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	80261	38.648	ng		97
31) Naphthalene	10.90	128	213942	43.098	ng		99
32) Benzoic acid	10.15	122	17083	25.483	ng	#	87
33) 4-Chloroaniline	11.02	127	7017	3.159	ng	#	92
34) Hexachlorobutadiene	11.15	225	53206	37.234	ng		98
35) Caprolactam	11.80	113	19362m	27.936	ng		
36) 4-Chloro-3-methylphenol	12.13	107	78247	42.328	ng		97
37) 2-Methylnaphthalene	12.49	142	161331	43.348	ng		98
38) 1-Methylnaphthalene	12.72	142	154004	43.111	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	103855	40.021	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	108582	74.703 ng	98
43) 2,4,6-Trichlorophenol	13.10	196	70684	43.279 ng	99
44) 2,4,5-Trichlorophenol	13.18	196	78306	45.364 ng	95
46) 1,1'-Biphenyl	13.50	154	218796	39.962 ng	99
47) 2-Chloronaphthalene	13.55	162	174364	39.354 ng	99
48) 2-Nitroaniline	13.76	65	52991	42.692 ng	97
49) Acenaphthylene	14.40	152	289093	43.411 ng	99
50) Dimethylphthalate	14.12	163	237001	40.589 ng	100
51) 2,6-Dinitrotoluene	14.26	165	55003	42.133 ng	92
52) Acenaphthene	14.73	154	165815	41.442 ng	93
53) 3-Nitroaniline	14.59	138	9297	7.020 ng	92
54) 2,4-Dinitrophenol	14.80	184	40391	53.653 ng	93
55) Dibenzofuran	15.07	168	287497	40.684 ng	99
56) 4-Nitrophenol	14.90	139	75053	78.766 ng	99
57) 2,4-Dinitrotoluene	15.04	165	76810	41.011 ng	97
58) Fluorene	15.72	166	230998	43.428 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	76403	46.889 ng	96
60) Diethylphthalate	15.47	149	241930	40.214 ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	131154	39.138 ng	98
62) 4-Nitroaniline	15.75	138	52217	37.850 ng	94
63) Azobenzene	16.00	77	186524	39.647 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	40809	30.845 ng	93
66) n-Nitrosodiphenylamine	15.92	169	212955	40.225 ng	98
67) 4-Bromophenyl-phenylether	16.60	248	89619	39.040 ng	96
68) Hexachlorobenzene	16.71	284	98068	39.150 ng	98
69) Atrazine	16.86	200	91854	40.842 ng	95
70) Pentachlorophenol	17.06	266	92445	61.201 ng	95
71) Phenanthrene	17.46	178	409169	43.347 ng	99
72) Anthracene	17.55	178	415752	44.547 ng	99
73) Carbazole	17.83	167	367753	39.916 ng	98
74) Di-n-butylphthalate	18.36	149	428598	41.816 ng	99
75) Fluoranthene	19.47	202	516137	44.108 ng	100
77) Benzidine	19.66	184	38964	6.609 ng	99
78) Pyrene	19.83	202	522563	42.541 ng	99
80) Butylbenzylphthalate	20.70	149	196738	42.110 ng	98
81) Benzo(a)anthracene	21.68	228	517195	44.078 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	55431	11.594 ng	96
83) Chrysene	21.74	228	481575	43.152 ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	275557	42.478 ng	96
85) Di-n-octyl phthalate	22.76	149	471028	42.941 ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	609606	45.715 ng	98
88) Benzo(b)fluoranthene	23.93	252	518389	44.732 ng	99
89) Benzo(k)fluoranthene	23.99	252	514333	44.888 ng	99
90) Benzo(a)pyrene	24.82	252	513259	45.821 ng	99
91) Dibenzo(a,h)anthracene	28.80	278	511163	45.878 ng	99
92) Benzo(g,h,i)perylene	29.91	276	505524	45.831 ng	97

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

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