Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
Data File : BG044705.D
Acq On : 9 Mar 2020 16:43
Operator : CG/JU
Sample : L1161-09
Misc : MDL - MDL-WATER 8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2020

Manual Integrations APPROVED
mohammad
3/10/2020 2:43:49 PM

Quant Time: Mar 09 19:08:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 18:57:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	92226	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	373521	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	260214	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	578641	20.00	ng		0.00
76) Chrysene-d12	21.71	240	522341	20.00	ng		0.00
87) Perylene-d12	24.94	264	600225	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	866084	141.04	ng		0.00
7) Phenol-d6	7.21	99	1247235	134.37	ng		0.00
23) Nitrobenzene-d5	9.22	82	828243	100.96	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	503622	140.89	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1777550	95.16	ng		0.00
79) Terphenyl-d14	20.05	244	2562318	87.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	22451	7.627	ng		98
3) Pyridine	3.94	79	52520	5.755	ng		99
4) n-Nitrosodimethylamine	3.84	42	21570	5.587	ng	#	64
6) Aniline	7.39	93	82757	7.117	ng		95
8) 2-Chlorophenol	7.63	128	43606	7.006	ng		96
9) Benzaldehyde	7.19	77	55874	10.255	ng		92
10) Phenol	7.24	94	63388	6.932	ng		90
11) bis(2-Chloroethyl)ether	7.48	93	52206	7.431	ng		99
12) 1,3-Dichlorobenzene	7.96	146	52114	7.041	ng		93
13) 1,4-Dichlorobenzene	8.10	146	54261	7.337	ng		95
14) 1,2-Dichlorobenzene	8.42	146	47269m	6.762	ng		
15) Benzyl Alcohol	8.30	79	50810	6.345	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	90127	6.790	ng		96
17) 2-Methylphenol	8.50	107	43539	6.949	ng		92
18) Hexachloroethane	9.16	117	20873	7.037	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	47489	6.848	ng		94
20) 3+4-Methylphenols	8.82	107	59621	6.831	ng		91
22) Acetophenone	8.88	105	85154	7.809	ng	#	95
24) Nitrobenzene	9.26	77	67396	7.749	ng		96
25) Isophorone	9.79	82	129840	7.177	ng		96
26) 2-Nitrophenol	9.98	139	16322	5.738	ng		90
27) 2,4-Dimethylphenol	10.04	122	42774	7.536	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	73527	7.219	ng		98
29) 2,4-Dichlorophenol	10.51	162	45239	7.005	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	55681	7.422	ng		98
31) Naphthalene	10.92	128	160859	7.674	ng	#	96
32) Benzoic acid	10.09	122	8507	2.137	ng		91
33) 4-Chloroaniline	11.02	127	70581	7.310	ng		94
34) Hexachlorobutadiene	11.22	225	35062	6.841	ng		94
35) Caprolactam	11.76	113	16878	6.261	ng		88
36) 4-Chloro-3-methylphenol	12.13	107	53997	6.602	ng		96
37) 2-Methylnaphthalene	12.53	142	123881	7.831	ng		96
38) 1-Methylnaphthalene	12.74	142	115417	7.718	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	62886	7.444	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	33545	6.791	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	37564	6.414	ng		89
44) 2,4,5-Trichlorophenol	13.20	196	41079	6.840	ng		98
46) 1,1'-Biphenyl	13.53	154	158158	7.642	ng		97
47) 2-Chloronaphthalene	13.57	162	114534	7.255	ng		98
48) 2-Nitroaniline	13.75	65	28375	5.329	ng		92
49) Acenaphthylene	14.41	152	196314	7.762	ng		98
50) Dimethylphthalate	14.14	163	158378	7.321	ng		98
51) 2,6-Dinitrotoluene	14.25	165	25246	6.495	ng		92
52) Acenaphthene	14.76	154	116815	7.143	ng		94
53) 3-Nitroaniline	14.58	138	26086	5.823	ng	#	93
54) 2,4-Dinitrophenol	14.78	184	8467	4.691	ng		90
55) Dibenzofuran	15.09	168	192561	7.858	ng		95
56) 4-Nitrophenol	14.88	139	21433	6.149	ng		87
57) 2,4-Dinitrotoluene	15.04	165	31191	6.005	ng	#	90
58) Fluorene	15.74	166	155058	7.650	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	36541	6.393	ng	#	89
60) Diethylphthalate	15.51	149	163259	7.059	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	81702	7.429	ng		92
62) 4-Nitroaniline	15.74	138	29552	5.989	ng		86
63) Azobenzene	16.03	77	183329	7.574	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	13802	5.839	ng		96
66) n-Nitrosodiphenylamine	15.95	169	136365	7.708	ng		95
67) 4-Bromophenyl-phenylether	16.63	248	50977	6.985	ng		94
68) Hexachlorobenzene	16.75	284	58036	7.365	ng		95
69) Atrazine	16.89	200	55554	8.125	ng		93
70) Pentachlorophenol	17.09	266	26803	5.994	ng		98
71) Phenanthrene	17.48	178	249878	7.876	ng		97
72) Anthracene	17.57	178	250575	8.018	ng		99
73) Carbazole	17.83	167	231112	7.722	ng		97
74) Di-n-butylphthalate	18.41	149	273845	7.265	ng		98
75) Fluoranthene	19.49	202	297597	7.761	ng		97
77) Benzidine	19.66	184	166523	7.986	ng		99
78) Pyrene	19.85	202	303710	7.623	ng		98
80) Butylbenzylphthalate	20.75	149	110696	6.225	ng		94
81) Benzo(a)anthracene	21.69	228	297189	7.587	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	114365	7.333	ng		99
83) Chrysene	21.76	228	273819	7.344	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	167489	6.754	ng		98
85) Di-n-octyl phthalate	22.86	149	272463	6.398	ng		97
86) Indeno(1,2,3-cd)pyrene	28.60	276	331152	6.725	ng		98
88) Benzo(b)fluoranthene	23.91	252	289383	7.084	ng		99
89) Benzo(k)fluoranthene	23.98	252	294421m	7.689	ng		
90) Benzo(a)pyrene	24.78	252	268719	7.063	ng		97
91) Dibenzo(a,h)anthracene	28.67	278	281753	7.426	ng		97
92) Benzo(g,h,i)perylene	29.72	276	279802	7.363	ng		96

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

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