Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027675.D
Acq On : 02 Nov 2020 13:41
Operator : JU/CG
Sample : L4214-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 02 15:02:25 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 02 13:50:31 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations APPROVED
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11/3/2020 10:02:58 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	31375	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	115463	20.00	ng		# 0.00
39) Acenaphthene-d10	15.009	164	70593	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	149227	20.00	ng		0.00
76) Chrysene-d12	21.827	240	142427	20.00	ng		0.00
86) Perylene-d12	24.279	264	142070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	282469	142.25	ng		0.00
7) Phenol-d6	7.522	99	374471	134.18	ng		0.00
23) Nitrobenzene-d5	9.580	82	281063	111.05	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	131356	155.83	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	568360	114.88	ng		0.00
79) Terphenyl-d14	20.286	244	828432	114.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	3044	3.57	ng	#	66
3) Pyridine	4.028	79	8034	3.29	ng	#	54
4) n-Nitrosodimethylamine	3.928	42	5493	3.62	ng	#	44
6) Aniline	7.704	93	12457	3.96	ng		98
8) 2-Chlorophenol	7.951	128	7561	3.79	ng		90
9) Benzaldehyde	7.516	77	8521	5.93	ng		97
10) Phenol	7.545	94	9612	3.64	ng		85
11) bis(2-Chloroethyl)ether	7.798	93	7720	3.81	ng		90
12) 1,3-Dichlorobenzene	8.286	146	9169	3.77	ng		95
13) 1,4-Dichlorobenzene	8.439	146	9424	3.85	ng		93
14) 1,2-Dichlorobenzene	8.763	146	8696	3.74	ng		94
15) Benzyl Alcohol	8.628	79	7856	3.52	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.928	45	12078	3.73	ng		72
17) 2-Methylphenol	8.828	107	6247	3.52	ng		98
18) Hexachloroethane	9.510	117	3582	3.70	ng	#	81
19) n-Nitroso-di-n-propyla...	9.204	70	6601	3.62	ng	#	66
20) 3+4-Methylphenols	9.157	107	8196	3.47	ng		87
22) Acetophenone	9.228	105	13282	4.05	ng	#	85
24) Nitrobenzene	9.622	77	12518	4.81	ng	#	95
25) Isophorone	10.145	82	17711	4.03	ng		99
26) 2-Nitrophenol	10.345	139	3071	3.59	ng	#	80
27) 2,4-Dimethylphenol	10.380	122	9052	5.38	ng		92
28) bis(2-Chloroethoxy)met...	10.622	93	9654	3.65	ng		95
29) 2,4-Dichlorophenol	10.874	162	6909	3.80	ng		92
30) 1,2,4-Trichlorobenzene	11.098	180	8443	3.81	ng		99
31) Naphthalene	11.292	128	23346	3.83	ng		99
32) Benzoic acid	10.410	122	1569m	1.59	ng		
33) 4-Chloroaniline	11.386	127	9536	3.55	ng	#	91
34) Hexachlorobutadiene	11.580	225	5324	3.70	ng		95
35) Caprolactam	12.104	113	1841	3.04	ng	#	54
36) 4-Chloro-3-methylphenol	12.468	107	7370	3.48	ng		94
37) 2-Methylnaphthalene	12.874	142	16921m	3.91	ng		
38) 1-Methylnaphthalene	13.092	142	15445	3.76	ng	#	96
40) 1,2,4,5-Tetrachloroben...	13.233	216	9114	4.09	ng	#	98
41) Hexachlorocyclopentadiene	13.215	237	5818	4.79	ng		98
43) 2,4,6-Trichlorophenol	13.457	196	5059	3.49	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.521	196	5347	3.44	ng		95
46) 1,1'-Biphenyl	13.857	154	22358	4.14	ng		97
47) 2-Chloronaphthalene	13.904	162	16954	3.79	ng		98
48) 2-Nitroaniline	14.080	65	4422	2.94	ng		88
49) Acenaphthylene	14.739	152	25865	3.83	ng		96
50) Dimethylphthalate	14.451	163	20898	3.69	ng	#	96
51) 2,6-Dinitrotoluene	14.568	165	3651	3.29	ng		93
52) Acenaphthene	15.080	154	17216	3.89	ng		89
53) 3-Nitroaniline	14.892	138	3541	2.81	ng	#	95
54) 2,4-Dinitrophenol	15.086	184	1215	2.59	ng	#	1
55) Dibenzofuran	15.404	168	25535	3.88	ng		94
56) 4-Nitrophenol	15.168	139	2658	2.60	ng	#	80
57) 2,4-Dinitrotoluene	15.345	165	4335	2.88	ng	#	84
58) Fluorene	16.045	166	21147	3.92	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.615	232	4131	3.03	ng	#	85
60) Diethylphthalate	15.792	149	21305	3.70	ng		95
61) 4-Chlorophenyl-phenyle...	16.033	204	10229	3.68	ng		88
62) 4-Nitroaniline	16.033	138	4136	2.90	ng		86
63) Azobenzene	16.321	77	22485	3.77	ng		89
65) 4,6-Dinitro-2-methylph...	16.092	198	1881	3.13	ng	#	77
66) n-Nitrosodiphenylamine	16.233	169	17067	3.79	ng		94
67) 4-Bromophenyl-phenylether	16.915	248	6360	3.99	ng		85
68) Hexachlorobenzene	17.039	284	7368	3.98	ng	#	90
69) Atrazine	17.162	200	5478	3.59	ng		87
70) Pentachlorophenol	17.362	266	3312	3.30	ng		89
71) Phenanthrene	17.768	178	31446	3.73	ng		97
72) Anthracene	17.856	178	31331	3.81	ng		99
73) Carbazole	18.109	167	28433	3.63	ng		96
74) Di-n-butylphthalate	18.656	149	32337	3.52	ng	#	95
75) Fluoranthene	19.739	202	36784	3.72	ng		99
77) Benzidine	19.903	184	16065	3.96	ng		98
78) Pyrene	20.097	202	37553	3.80	ng		100
80) Butylbenzylphthalate	20.956	149	10976	2.94	ng		95
81) Benzo(a)anthracene	21.809	228	36469	3.79	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	12645	3.83	ng	#	94
83) Chrysene	21.862	228	34963	3.77	ng		98
84) Bis(2-ethylhexyl)phtha...	21.715	149	19379	3.55	ng		94
85) Di-n-octyl phthalate	22.656	149	30574	3.31	ng	#	83
87) Indeno(1,2,3-cd)pyrene	26.815	276	37088	3.57	ng		95
88) Benzo(b)fluoranthene	23.532	252	36537	3.77	ng		99
89) Benzo(k)fluoranthene	23.580	252	34621	3.76	ng		95
90) Benzo(a)pyrene	24.168	252	31516	3.53	ng	#	96
91) Dibenzo(a,h)anthracene	26.838	278	31101	3.66	ng		99
92) Benzo(g,h,i)perylene	27.603	276	30673	3.69	ng	#	91

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

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