Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027676.D
Acq On : 02 Nov 2020 14:17
Operator : JU/CG
Sample : L4214-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:49 AM

Quant Time: Nov 02 15:02:59 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	28479	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	104408	20.00	ng		# 0.00
39) Acenaphthene-d10	15.016	164	65193	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	139091	20.00	ng		# 0.00
76) Chrysene-d12	21.827	240	138726	20.00	ng		0.00
86) Perylene-d12	24.280	264	142374	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	263839	146.38	ng		0.00
7) Phenol-d6	7.522	99	351627	138.81	ng		0.00
23) Nitrobenzene-d5	9.581	82	272135	118.91	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	126286	162.22	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	545831	119.47	ng		0.00
79) Terphenyl-d14	20.286	244	817283	116.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	6130	7.92	ng	#	68
3) Pyridine	4.022	79	16437	7.41	ng	#	58
4) n-Nitrosodimethylamine	3.922	42	11445	8.32	ng	#	47
6) Aniline	7.704	93	23600	8.26	ng		98
8) 2-Chlorophenol	7.951	128	14013	7.74	ng		98
9) Benzaldehyde	7.510	77	15459	11.85	ng		97
10) Phenol	7.546	94	18604	7.77	ng		88
11) bis(2-Chloroethyl)ether	7.798	93	14870	8.09	ng		85
12) 1,3-Dichlorobenzene	8.287	146	16796m	7.61	ng		
13) 1,4-Dichlorobenzene	8.440	146	16798	7.57	ng		98
14) 1,2-Dichlorobenzene	8.763	146	16032	7.59	ng	#	89
15) Benzyl Alcohol	8.634	79	15776	7.78	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.934	45	22891	7.78	ng		77
17) 2-Methylphenol	8.828	107	12494	7.76	ng		98
18) Hexachloroethane	9.510	117	7104	8.08	ng		86
19) n-Nitroso-di-n-propyla...	9.204	70	12859	7.76	ng	#	70
20) 3+4-Methylphenols	9.157	107	17192	8.03	ng		94
22) Acetophenone	9.228	105	25272	8.52	ng	#	83
24) Nitrobenzene	9.622	77	20770	8.82	ng		98
25) Isophorone	10.145	82	33334	8.39	ng		99
26) 2-Nitrophenol	10.339	139	5747	7.42	ng		91
27) 2,4-Dimethylphenol	10.381	122	13438	8.84	ng		98
28) bis(2-Chloroethoxy)met...	10.622	93	18711	7.83	ng		96
29) 2,4-Dichlorophenol	10.875	162	13078	7.95	ng		98
30) 1,2,4-Trichlorobenzene	11.098	180	16309	8.14	ng		99
31) Naphthalene	11.292	128	44785	8.12	ng		99
32) Benzoic acid	10.422	122	4761m	5.32	ng		
33) 4-Chloroaniline	11.381	127	18529	7.63	ng		94
34) Hexachlorobutadiene	11.581	225	10953	8.43	ng		95
35) Caprolactam	12.110	113	3872	7.06	ng	#	27
36) 4-Chloro-3-methylphenol	12.469	107	14582	7.62	ng		97
37) 2-Methylnaphthalene	12.875	142	32468	8.29	ng		98
38) 1-Methylnaphthalene	13.086	142	30491	8.22	ng		98
40) 1,2,4,5-Tetrachloroben...	13.228	216	18392	8.93	ng		96
41) Hexachlorocyclopentadiene	13.216	237	11666	10.41	ng		95
43) 2,4,6-Trichlorophenol	13.457	196	9891	7.39	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.528	196	11466	8.00	ng		93
46) 1,1'-Biphenyl	13.857	154	42559	8.54	ng		98
47) 2-Chloronaphthalene	13.904	162	33283	8.07	ng		98
48) 2-Nitroaniline	14.086	65	9266	6.67	ng		95
49) Acenaphthylene	14.739	152	49887	8.01	ng		100
50) Dimethylphthalate	14.451	163	41166	7.88	ng		98
51) 2,6-Dinitrotoluene	14.569	165	8149	7.94	ng		90
52) Acenaphthene	15.074	154	31936	7.82	ng		98
53) 3-Nitroaniline	14.892	138	8254	7.09	ng	#	98
54) 2,4-Dinitrophenol	15.092	184	2905	6.70	ng	#	1
55) Dibenzofuran	15.404	168	49809	8.19	ng		95
56) 4-Nitrophenol	15.169	139	6448	6.83	ng		97
57) 2,4-Dinitrotoluene	15.339	165	9790	7.04	ng	#	85
58) Fluorene	16.045	166	40810	8.19	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.616	232	9697	7.70	ng	#	91
60) Diethylphthalate	15.792	149	42498	7.98	ng		97
61) 4-Chlorophenyl-phenyle...	16.033	204	20347	7.93	ng		92
62) 4-Nitroaniline	16.033	138	8336	6.32	ng		88
63) Azobenzene	16.321	77	44836	8.13	ng		83
65) 4,6-Dinitro-2-methylph...	16.092	198	4531	8.09	ng		87
66) n-Nitrosodiphenylamine	16.239	169	35146	8.37	ng		94
67) 4-Bromophenyl-phenylether	16.916	248	12097	8.13	ng	#	88
68) Hexachlorobenzene	17.039	284	13898	8.06	ng	#	93
69) Atrazine	17.163	200	11201	7.88	ng		95
70) Pentachlorophenol	17.368	266	7145	7.64	ng		92
71) Phenanthrene	17.768	178	64087	8.16	ng		99
72) Anthracene	17.857	178	64088	8.35	ng		98
73) Carbazole	18.110	167	57774	7.92	ng		98
74) Di-n-butylphthalate	18.657	149	67004	7.82	ng	#	97
75) Fluoranthene	19.739	202	75347	8.17	ng		99
77) Benzidine	19.904	184	33049	8.37	ng		97
78) Pyrene	20.098	202	77788	8.08	ng		99
80) Butylbenzylphthalate	20.956	149	27021	7.42	ng		91
81) Benzo(a)anthracene	21.809	228	74045	7.91	ng		98
82) 3,3'-Dichlorobenzidine	21.727	252	26055	8.11	ng	#	97
83) Chrysene	21.868	228	72313	8.01	ng		99
84) Bis(2-ethylhexyl)phtha...	21.715	149	42564	8.00	ng	#	96
85) Di-n-octyl phthalate	22.662	149	70565	7.85	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.821	276	78670	7.56	ng	#	96
88) Benzo(b)fluoranthene	23.533	252	76034	7.83	ng	#	98
89) Benzo(k)fluoranthene	23.580	252	72582	7.86	ng	#	97
90) Benzo(a)pyrene	24.174	252	66676	7.44	ng		97
91) Dibenzo(a,h)anthracene	26.833	278	65469	7.69	ng		99
92) Benzo(g,h,i)perylene	27.597	276	65476	7.86	ng		99

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

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