Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031893.D
Acq On : 25 Aug 2021 15:31
Operator : CG/JU
Sample : M2262-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2021

Manual Integrations APPROVED
mohammad
8/26/2021 11:41:12 AM

Quant Time: Aug 25 16:00:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 16:00:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	34425	20.000	ng		0.00
21) Naphthalene-d8	10.281	136	145224	20.000	ng	#	0.00
39) Acenaphthene-d10	14.163	164	103930	20.000	ng		0.00
64) Phenanthrene-d10	16.915	188	219646	20.000	ng		0.00
76) Chrysene-d12	21.121	240	174925	20.000	ng	#	0.00
86) Perylene-d12	23.262	264	144519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	211431	101.537	ng		0.00
7) Phenol-d6	6.722	99	287412	97.552	ng		0.00
23) Nitrobenzene-d5	8.675	82	300754	89.704	ng		0.00
42) 2,4,6-Tribromophenol	15.663	330	125609	102.244	ng		0.00
45) 2-Fluorobiphenyl	12.775	172	679267	86.229	ng		0.00
79) Terphenyl-d14	19.568	244	1259805	103.960	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	3285	3.869	ng	#	94
3) Pyridine	3.569	79	6753	3.186	ng	#	88
4) n-Nitrosodimethylamine	3.481	42	4813	3.343	ng	#	55
6) Aniline	6.869	93	11637	3.718	ng		96
8) 2-Chlorophenol	7.093	128	8301	3.424	ng		94
9) Benzaldehyde	6.693	77	9037	4.625	ng		90
10) Phenol	6.746	94	9450	3.243	ng		80
11) bis(2-Chloroethyl)ether	6.969	93	7197	3.386	ng		97
12) 1,3-Dichlorobenzene	7.410	146	9518	3.555	ng		99
13) 1,4-Dichlorobenzene	7.557	146	9887	3.604	ng		95
14) 1,2-Dichlorobenzene	7.863	146	9353	3.501	ng		91
15) Benzyl Alcohol	7.775	79	8044	3.201	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.051	45	10217	3.583	ng		95
17) 2-Methylphenol	7.969	107	6454	3.105	ng		90
18) Hexachloroethane	8.569	117	4134	3.638	ng		97
19) n-Nitroso-di-n-propyla...	8.328	70	6916	3.047	ng	#	86
20) 3+4-Methylphenols	8.298	107	8923	3.120	ng		93
22) Acetophenone	8.345	105	14341	3.633	ng	#	95
24) Nitrobenzene	8.716	77	13770	4.056	ng		97
25) Isophorone	9.234	82	18494	3.194	ng		96
26) 2-Nitrophenol	9.416	139	4341	3.194	ng	#	92
27) 2,4-Dimethylphenol	9.487	122	7087	3.465	ng		89
28) bis(2-Chloroethoxy)met...	9.722	93	10255	3.626	ng		97
29) 2,4-Dichlorophenol	9.951	162	7748	3.226	ng		91
30) 1,2,4-Trichlorobenzene	10.145	180	9187	3.486	ng		96
31) Naphthalene	10.328	128	27333	3.368	ng		98
32) Benzoic acid	9.575	122	3350	1.922	ng	#	83
33) 4-Chloroaniline	10.463	127	11280	3.477	ng		93
34) Hexachlorobutadiene	10.598	225	6053	3.473	ng		89
35) Caprolactam	11.257	113	2041	2.788	ng	#	74
36) 4-Chloro-3-methylphenol	11.592	107	9031	3.170	ng		98
37) 2-Methylnaphthalene	11.951	142	20357	3.369	ng		93
38) 1-Methylnaphthalene	12.175	142	19350	3.386	ng		99
40) 1,2,4,5-Tetrachloroben...	12.328	216	10431	3.426	ng		98
41) Hexachlorocyclopentadiene	12.292	237	3930	2.647	ng		94
43) 2,4,6-Trichlorophenol	12.580	196	6192m	2.832	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	6985	2.957	ng	#	90
46) 1,1'-Biphenyl	12.986	154	27350	3.400	ng		98
47) 2-Chloronaphthalene	13.022	162	20277	3.202	ng		95
48) 2-Nitroaniline	13.251	65	6292	2.855	ng		96
49) Acenaphthylene	13.880	152	32374	3.178	ng		100
50) Dimethylphthalate	13.633	163	26999	3.277	ng	#	98
51) 2,6-Dinitrotoluene	13.757	165	5263	2.901	ng		94
52) Acenaphthene	14.222	154	19618	3.163	ng		96
53) 3-Nitroaniline	14.092	138	4912	2.783	ng		99
54) 2,4-Dinitrophenol	14.322	184	1880	1.830	ng	#	77
55) Dibenzofuran	14.563	168	31898	3.054	ng		97
56) 4-Nitrophenol	14.427	139	3153	2.261	ng	#	76
57) 2,4-Dinitrotoluene	14.557	165	6859	2.654	ng	#	89
58) Fluorene	15.216	166	25768	3.009	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.798	232	5925	2.873	ng	#	96
60) Diethylphthalate	15.010	149	28077	3.123	ng		96
61) 4-Chlorophenyl-phenyle...	15.216	204	12799	3.011	ng		97
62) 4-Nitroaniline	15.269	138	4317	2.533	ng		93
63) Azobenzene	15.510	77	29805	3.006	ng		94
65) 4,6-Dinitro-2-methylph...	15.327	198	3134	2.072	ng		82
66) n-Nitrosodiphenylamine	15.439	169	22122	3.022	ng		98
67) 4-Bromophenyl-phenylether	16.116	248	7998	3.260	ng		96
68) Hexachlorobenzene	16.216	284	8454	3.260	ng	#	93
69) Atrazine	16.404	200	8487	3.439	ng		90
70) Pentachlorophenol	16.580	266	3817	2.344	ng		98
71) Phenanthrene	16.957	178	41159	3.183	ng		98
72) Anthracene	17.051	178	40382	3.192	ng		96
73) Carbazole	17.333	167	35719	2.990	ng		98
74) Di-n-butylphthalate	17.904	149	44569	2.972	ng	#	97
75) Fluoranthene	18.986	202	43801	3.101	ng		95
77) Benzidine	19.192	184	17604	3.847	ng		99
78) Pyrene	19.351	202	45716	3.125	ng		96
80) Butylbenzylphthalate	20.274	149	17419	2.769	ng		97
81) Benzo(a)anthracene	21.103	228	39784	3.162	ng		100
82) 3,3'-Dichlorobenzidine	21.051	252	12965	3.584	ng		97
83) Chrysene	21.156	228	38875	3.205	ng		97
84) Bis(2-ethylhexyl)phtha...	21.051	149	23591	2.606	ng		97
85) Di-n-octyl phthalate	21.909	149	38644	2.833	ng		99
87) Indeno(1,2,3-cd)pyrene	25.374	276	34466	3.447	ng		98
88) Benzo(b)fluoranthene	22.627	252	35901	3.281	ng		97
89) Benzo(k)fluoranthene	22.674	252	33745	3.253	ng		96
90) Benzo(a)pyrene	23.174	252	32687	3.449	ng		94
91) Dibenzo(a,h)anthracene	25.391	278	30168	3.483	ng		98
92) Benzo(g,h,i)perylene	26.021	276	28393	3.467	ng		95

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

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