Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031032.D
Acq On : 20 Jul 2021 20:52
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:57 AM

Quant Time: Jul 21 01:40:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	65182	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	282270	20.000	ng		0.00
39) Acenaphthene-d10	14.269	164	205392	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	472517	20.000	ng		0.00
76) Chrysene-d12	21.203	240	583827	20.000	ng		0.00
86) Perylene-d12	23.380	264	646183	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	458749	126.381	ng		0.00
7) Phenol-d6	6.822	99	671846	127.678	ng		0.00
23) Nitrobenzene-d5	8.787	82	499742	88.893	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	359034	133.865	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1189956	86.444	ng		0.00
79) Terphenyl-d14	19.656	244	2567096	86.997	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	11895	8.155	ng		92
3) Pyridine	3.628	79	27962	6.777	ng		90
4) n-Nitrosodimethylamine	3.546	42	18270m	7.790	ng		
6) Aniline	6.981	93	49537	8.769	ng		96
8) 2-Chlorophenol	7.204	128	33071	7.740	ng		94
9) Benzaldehyde	6.793	77	32790m	10.458	ng		
10) Phenol	6.845	94	39278	7.705	ng		91
11) bis(2-Chloroethyl)ether	7.075	93	30256	8.017	ng		98
12) 1,3-Dichlorobenzene	7.528	146	36832	7.928	ng		98
13) 1,4-Dichlorobenzene	7.669	146	37104	7.847	ng		97
14) 1,2-Dichlorobenzene	7.981	146	36609	7.927	ng		97
15) Benzyl Alcohol	7.875	79	34589	7.808	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	40975	8.678	ng		99
17) 2-Methylphenol	8.075	107	28619	8.024	ng		96
18) Hexachloroethane	8.698	117	14138	7.747	ng		91
19) n-Nitroso-di-n-propyla...	8.440	70	28395	7.641	ng		93
20) 3+4-Methylphenols	8.398	107	38513	7.636	ng		97
22) Acetophenone	8.451	105	59320	8.489	ng		95
24) Nitrobenzene	8.828	77	46257	8.148	ng		98
25) Isophorone	9.345	82	73422	7.304	ng		97
26) 2-Nitrophenol	9.528	139	17317	7.245	ng	#	86
27) 2,4-Dimethylphenol	9.592	122	33626	8.929	ng		99
28) bis(2-Chloroethoxy)met...	9.834	93	44159	8.712	ng		99
29) 2,4-Dichlorophenol	10.057	162	32228	7.235	ng		94
30) 1,2,4-Trichlorobenzene	10.269	180	37844	7.737	ng		96
31) Naphthalene	10.451	128	114510	7.884	ng		99
32) Benzoic acid	9.663	122	17707m	5.518	ng		
33) 4-Chloroaniline	10.569	127	50359	8.037	ng		96
34) Hexachlorobutadiene	10.739	225	23907	7.611	ng		96
35) Caprolactam	11.333	113	11716	7.824	ng		93
36) 4-Chloro-3-methylphenol	11.692	107	38728	7.618	ng		90
37) 2-Methylnaphthalene	12.069	142	87195	7.789	ng		94
38) 1-Methylnaphthalene	12.292	142	81137	7.611	ng		98
40) 1,2,4,5-Tetrachloroben...	12.439	216	46209	8.075	ng		99
41) Hexachlorocyclopentadiene	12.422	237	28921	9.085	ng		95
43) 2,4,6-Trichlorophenol	12.686	196	28842	7.175	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	31924	7.173	ng	#	92
46) 1,1'-Biphenyl	13.098	154	118994	8.171	ng		99
47) 2-Chloronaphthalene	13.133	162	88802	7.785	ng		95
48) 2-Nitroaniline	13.345	65	25820	7.103	ng		98
49) Acenaphthylene	13.986	152	141290	7.749	ng		97
50) Dimethylphthalate	13.733	163	120384	7.814	ng		98
51) 2,6-Dinitrotoluene	13.851	165	24268	7.033	ng	#	80
52) Acenaphthene	14.333	154	87818	7.654	ng		98
53) 3-Nitroaniline	14.174	138	25580	7.337	ng		98
54) 2,4-Dinitrophenol	14.380	184	12949	6.363	ng		91
55) Dibenzofuran	14.669	168	142998	7.599	ng		94
56) 4-Nitrophenol	14.486	139	21987	7.132	ng		83
57) 2,4-Dinitrotoluene	14.639	165	32623	6.789	ng	#	81
58) Fluorene	15.316	166	118230	7.448	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.892	232	30388	7.327	ng		93
60) Diethylphthalate	15.110	149	130384	7.894	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	60079	7.643	ng	#	85
62) 4-Nitroaniline	15.339	138	27791	7.226	ng		90
63) Azobenzene	15.616	77	122589	7.457	ng		94
65) 4,6-Dinitro-2-methylph...	15.398	198	17731	5.983	ng		82
66) n-Nitrosodiphenylamine	15.539	169	103541	7.455	ng		100
67) 4-Bromophenyl-phenylether	16.215	248	36902	7.548	ng		92
68) Hexachlorobenzene	16.315	284	43326	7.865	ng		93
69) Atrazine	16.492	200	41260	8.092	ng		98
70) Pentachlorophenol	16.662	266	25261	7.014	ng		91
71) Phenanthrene	17.057	178	201302	7.693	ng		100
72) Anthracene	17.145	178	206364	7.998	ng		98
73) Carbazole	17.421	167	190664	7.465	ng		98
74) Di-n-butylphthalate	17.998	149	224928	7.496	ng		99
75) Fluoranthene	19.074	202	246823	7.538	ng		99
77) Benzidine	19.268	184	143542	9.959	ng		99
78) Pyrene	19.433	202	262459	7.199	ng		99
80) Butylbenzylphthalate	20.356	149	106462	6.839	ng		96
81) Benzo(a)anthracene	21.186	228	288159	7.448	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	108069	10.189	ng		100
83) Chrysene	21.239	228	276140	7.346	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	172711	7.161	ng		96
85) Di-n-octyl phthalate	22.003	149	305402	7.395	ng		98
87) Indeno(1,2,3-cd)pyrene	25.544	276	354623	7.680	ng		100
88) Benzo(b)fluoranthene	22.727	252	314153	7.337	ng		99
89) Benzo(k)fluoranthene	22.774	252	303978	7.591	ng		100
90) Benzo(a)pyrene	23.286	252	307584	7.980	ng		99
91) Dibenzo(a,h)anthracene	25.556	278	298896	7.478	ng		98
92) Benzo(g,h,i)perylene	26.197	276	300348	7.887	ng		97

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

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