Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029238.D
Acq On : 26 Mar 2021 17:36
Operator : CG/JU
Sample : M1458-08
Misc : LOQ--WTR-10PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:16 PM

Quant Time: Mar 26 19:11:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	85395	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	343227	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	205783	20.00	ng		0.00
64) Phenanthrene-d10	17.116	188	430659	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	456574	20.00	ng		-0.01
86) Perylene-d12	23.521	264	467685	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	478459	96.58	ng		0.00
7) Phenol-d6	6.922	99	667822	93.94	ng		0.00
23) Nitrobenzene-d5	8.904	82	504686	71.39	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	180196	94.56	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	1046425	72.13	ng		0.00
79) Terphenyl-d14	19.739	244	1478659	65.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	23209	10.31	ng	#	95
3) Pyridine	3.705	79	59059	10.88	ng		96
4) n-Nitrosodimethylamine	3.622	42	24097	9.89	ng	#	99
6) Aniline	7.087	93	93190	12.10	ng		98
8) 2-Chlorophenol	7.322	128	58415	10.45	ng		93
9) Benzaldehyde	6.904	77	57507	12.88	ng		98
10) Phenol	6.946	94	77521	11.04	ng		97
11) bis(2-Chloroethyl)ether	7.187	93	54819	10.91	ng		98
12) 1,3-Dichlorobenzene	7.646	146	67685	10.82	ng		98
13) 1,4-Dichlorobenzene	7.793	146	69193	10.91	ng		100
14) 1,2-Dichlorobenzene	8.104	146	66252	10.87	ng		95
15) Benzyl Alcohol	7.993	79	52894	10.28	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	90115	11.69	ng		98
17) 2-Methylphenol	8.193	107	47234	10.47	ng		98
18) Hexachloroethane	8.828	117	24522	10.64	ng		95
19) n-Nitroso-di-n-propyla...	8.557	70	48456	10.56	ng		97
20) 3+4-Methylphenols	8.510	107	62487	10.34	ng		97
22) Acetophenone	8.569	105	90455	10.53	ng	#	98
24) Nitrobenzene	8.946	77	80663	10.93	ng		98
25) Isophorone	9.469	82	119592	9.85	ng		96
26) 2-Nitrophenol	9.657	139	21397	8.70	ng		98
27) 2,4-Dimethylphenol	9.716	122	50027	10.61	ng		98
28) bis(2-Chloroethoxy)met...	9.951	93	74400	11.59	ng		100
29) 2,4-Dichlorophenol	10.181	162	48564	9.47	ng		96
30) 1,2,4-Trichlorobenzene	10.398	180	58928	10.12	ng		95
31) Naphthalene	10.587	128	186698	10.32	ng		98
32) Benzoic acid	9.775	122	19957m	7.28	ng		
33) 4-Chloroaniline	10.692	127	74443	10.41	ng		98
34) Hexachlorobutadiene	10.875	225	33217	9.82	ng		97
35) Caprolactam	11.451	113	12438	7.99	ng	#	82
36) 4-Chloro-3-methylphenol	11.810	107	54166	9.89	ng		99
37) 2-Methylnaphthalene	12.198	142	130464	10.31	ng		100
38) 1-Methylnaphthalene	12.422	142	122308	10.16	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	59014	10.23	ng		97
41) Hexachlorocyclopentadiene	12.551	237	33921	10.72	ng		97
43) 2,4,6-Trichlorophenol	12.810	196	34470	9.18	ng		96

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44) 2,4,5-Trichlorophenol	12.875	196	38728	9.28	ng	97
46) 1,1'-Biphenyl	13.216	154	168452	10.77	ng	97
47) 2-Chloronaphthalene	13.251	162	129548	10.52	ng	99
48) 2-Nitroaniline	13.457	65	33763	9.35	ng	95
49) Acenaphthylene	14.098	152	192516	10.27	ng	99
50) Dimethylphthalate	13.839	163	155559	10.82	ng	99
51) 2,6-Dinitrotoluene	13.951	165	30367	9.76	ng	88
52) Acenaphthene	14.445	154	126049	10.59	ng	99
53) 3-Nitroaniline	14.280	138	30795	9.78	ng	97
54) 2,4-Dinitrophenol	14.480	184	11723	7.54	ng	97
55) Dibenzofuran	14.780	168	198556	10.60	ng	99
56) 4-Nitrophenol	14.575	139	25380	8.82	ng	95
57) 2,4-Dinitrotoluene	14.739	165	38226	9.35	ng	97
58) Fluorene	15.427	166	161916	10.66	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	32578	9.52	ng	97
60) Diethylphthalate	15.204	149	154405	10.90	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	74652	10.65	ng	97
62) 4-Nitroaniline	15.439	138	30915	9.32	ng	98
63) Azobenzene	15.716	77	168605	10.41	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	17582	7.32	ng	94
66) n-Nitrosodiphenylamine	15.633	169	136070	9.87	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	36221	9.18	ng	98
68) Hexachlorobenzene	16.427	284	47401	10.20	ng	96
69) Atrazine	16.580	200	38603	8.87	ng	99
70) Pentachlorophenol	16.763	266	23248	8.12	ng	98
71) Phenanthrene	17.157	178	256974	10.29	ng	98
72) Anthracene	17.251	178	247387	10.20	ng	99
73) Carbazole	17.516	167	232379	9.73	ng	98
74) Di-n-butylphthalate	18.086	149	220148	9.56	ng	99
75) Fluoranthene	19.168	202	279879	10.14	ng	98
77) Benzidine	19.357	184	109154	8.28	ng	98
78) Pyrene	19.533	202	300145	9.71	ng	99
80) Butylbenzylphthalate	20.433	149	90214	8.64	ng	90
81) Benzo(a)anthracene	21.268	228	292329	9.81	ng	99
82) 3,3'-Dichlorobenzidine	21.204	252	92409	10.38	ng	99
83) Chrysene	21.321	228	289226	9.70	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	139256	9.28	ng	100
85) Di-n-octyl phthalate	22.086	149	217148	8.93	ng	98
87) Indeno(1,2,3-cd)pyrene	25.780	276	351248	10.27	ng	99
88) Benzo(b)fluoranthene	22.851	252	298088	9.80	ng	99
89) Benzo(k)fluoranthene	22.892	252	308368	10.43	ng	98
90) Benzo(a)pyrene	23.421	252	265101	9.62	ng	97
91) Dibenzo(a,h)anthracene	25.791	278	291621	9.96	ng	99
92) Benzo(g,h,i)perylene	26.468	276	294188	10.25	ng	97

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

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