Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031046.D
Acq On : 21 Jul 2021 17:14
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER- 4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:07 PM

Quant Time: Jul 21 17:43:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	66488	20.00	ng		0.00
21) Naphthalene-d8	10.398	136	279680	20.00	ng		-0.01
39) Acenaphthene-d10	14.263	164	196535	20.00	ng		-0.01
64) Phenanthrene-d10	17.015	188	441459	20.00	ng		0.00
76) Chrysene-d12	21.203	240	528591	20.00	ng		0.00
86) Perylene-d12	23.380	264	582915	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	414687	112.00	ng		0.00
7) Phenol-d6	6.816	99	578275	107.74	ng		0.00
23) Nitrobenzene-d5	8.781	82	355210	63.77	ng		-0.01
42) 2,4,6-Tribromophenol	15.762	330	276407	107.70	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	813575	61.77	ng		0.00
79) Terphenyl-d14	19.650	244	1630825	61.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	5777	3.88	ng	#	88
3) Pyridine	3.634	79	15213	3.61	ng	#	85
4) n-Nitrosodimethylamine	3.552	42	8605	3.60	ng	#	94
6) Aniline	6.975	93	25065	4.35	ng		96
8) 2-Chlorophenol	7.198	128	16164	3.71	ng		91
9) Benzaldehyde	6.793	77	16343	5.11	ng		94
10) Phenol	6.840	94	19745	3.80	ng		88
11) bis(2-Chloroethyl)ether	7.075	93	14860	3.86	ng		94
12) 1,3-Dichlorobenzene	7.522	146	18212m	3.84	ng		
13) 1,4-Dichlorobenzene	7.669	146	19008	3.94	ng		96
14) 1,2-Dichlorobenzene	7.981	146	18125	3.85	ng		97
15) Benzyl Alcohol	7.875	79	15755	3.49	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.169	45	20705	4.30	ng		98
17) 2-Methylphenol	8.075	107	13132	3.61	ng		95
18) Hexachloroethane	8.698	117	6932	3.72	ng		88
19) n-Nitroso-di-n-propyla...	8.434	70	12790	3.37	ng		93
20) 3+4-Methylphenols	8.392	107	18038	3.51	ng		94
22) Acetophenone	8.451	105	26872	3.88	ng	#	93
24) Nitrobenzene	8.822	77	23692	4.21	ng	#	97
25) Isophorone	9.345	82	34263	3.44	ng		99
26) 2-Nitrophenol	9.528	139	7452	3.15	ng	#	86
27) 2,4-Dimethylphenol	9.586	122	15688	4.20	ng		99
28) bis(2-Chloroethoxy)met...	9.828	93	21019	4.19	ng		97
29) 2,4-Dichlorophenol	10.051	162	14123	3.20	ng		96
30) 1,2,4-Trichlorobenzene	10.263	180	18531	3.82	ng		93
31) Naphthalene	10.451	128	55032	3.82	ng		99
32) Benzoic acid	9.645	122	8098	2.55	ng		91
33) 4-Chloroaniline	10.569	127	23840	3.84	ng		95
34) Hexachlorobutadiene	10.733	225	11185	3.59	ng		97
35) Caprolactam	11.333	113	4745	3.20	ng		88
36) 4-Chloro-3-methylphenol	11.686	107	16454	3.27	ng		89
37) 2-Methylnaphthalene	12.069	142	40875	3.69	ng		97
38) 1-Methylnaphthalene	12.286	142	37720	3.57	ng		95
40) 1,2,4,5-Tetrachloroben...	12.439	216	21322	3.89	ng		98
41) Hexachlorocyclopentadiene	12.416	237	13859	4.55	ng		97
43) 2,4,6-Trichlorophenol	12.686	196	12648	3.29	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	13845	3.25	ng		96
46) 1,1'-Biphenyl	13.092	154	55640	3.99	ng		99
47) 2-Chloronaphthalene	13.133	162	41734	3.82	ng		95
48) 2-Nitroaniline	13.345	65	10926	3.14	ng		96
49) Acenaphthylene	13.986	152	64891	3.72	ng		99
50) Dimethylphthalate	13.733	163	55393	3.76	ng		99
51) 2,6-Dinitrotoluene	13.845	165	10222	3.10	ng	#	76
52) Acenaphthene	14.327	154	39139	3.56	ng		99
53) 3-Nitroaniline	14.174	138	10553	3.16	ng		99
54) 2,4-Dinitrophenol	14.374	184	4640	2.38	ng	#	88
55) Dibenzofuran	14.668	168	65836	3.66	ng		95
56) 4-Nitrophenol	14.480	139	8587	2.91	ng		90
57) 2,4-Dinitrotoluene	14.633	165	13389	2.91	ng	#	86
58) Fluorene	15.315	166	52945	3.49	ng		94
59) 2,3,4,6-Tetrachlorophenol	14.892	232	12272	3.09	ng	#	89
60) Diethylphthalate	15.104	149	55929	3.54	ng		95
61) 4-Chlorophenyl-phenyle...	15.321	204	27172	3.61	ng	#	89
62) 4-Nitroaniline	15.339	138	10895	2.96	ng		90
63) Azobenzene	15.610	77	52075	3.31	ng		93
65) 4,6-Dinitro-2-methylph...	15.398	198	7198	2.60	ng		97
66) n-Nitrosodiphenylamine	15.533	169	45055	3.47	ng		100
67) 4-Bromophenyl-phenylether	16.215	248	15771	3.45	ng	#	92
68) Hexachlorobenzene	16.315	284	18541	3.60	ng	#	84
69) Atrazine	16.492	200	17129	3.60	ng		99
70) Pentachlorophenol	16.662	266	10596	3.15	ng		93
71) Phenanthrene	17.057	178	90463	3.70	ng		99
72) Anthracene	17.145	178	88918	3.69	ng		99
73) Carbazole	17.421	167	81871	3.43	ng		97
74) Di-n-butylphthalate	17.992	149	93442	3.33	ng	#	97
75) Fluoranthene	19.074	202	107927	3.53	ng		99
77) Benzidine	19.268	184	54202	4.15	ng		97
78) Pyrene	19.433	202	114853	3.48	ng		97
80) Butylbenzylphthalate	20.356	149	42658	3.03	ng		96
81) Benzo(a)anthracene	21.186	228	122318	3.49	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	41898	4.36	ng		97
83) Chrysene	21.239	228	120427	3.54	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	69191	3.17	ng		92
85) Di-n-octyl phthalate	22.003	149	121540	3.25	ng		96
87) Indeno(1,2,3-cd)pyrene	25.538	276	148820	3.57	ng		99
88) Benzo(b)fluoranthene	22.727	252	134483	3.48	ng		96
89) Benzo(k)fluoranthene	22.774	252	132416	3.67	ng		97
90) Benzo(a)pyrene	23.286	252	130092	3.74	ng		98
91) Dibenzo(a,h)anthracene	25.556	278	126076	3.50	ng		95
92) Benzo(g,h,i)perylene	26.197	276	124348	3.62	ng		97

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

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