Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044035.D
Acq On : 09 Feb 2024 12:29
Operator : MA/JU
Sample : 03572-07
Misc : LOD-MDL-WATER-4ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Quant Time: Feb 09 12:57:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	480374	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	2059380	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1193420	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	2343805	20.000	ng		0.00
76) Chrysene-d12	21.497	240	1884855	20.000	ng		0.00
86) Perylene-d12	23.897	264	2040198	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	4160795	125.977	ng		0.00
7) Phenol-d6	7.081	99	5284352	125.748	ng		0.00
23) Nitrobenzene-d5	9.081	82	3054942	78.716	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1679602	129.985	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	6487610	76.722	ng		0.00
79) Terphenyl-d14	19.945	244	7927637	73.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	52149	3.978	ng		99
3) Pyridine	3.793	79	117621	3.399	ng		95
4) n-Nitrosodimethylamine	3.710	42	49329	3.757	ng	#	94
6) Aniline	7.240	93	185219	4.483	ng		100
8) 2-Chlorophenol	7.469	128	123903	3.592	ng		99
9) Benzaldehyde	7.057	77	118605m	5.492	ng		
10) Phenol	7.104	94	164269	3.873	ng		98
11) bis(2-Chloroethyl)ether	7.345	93	138858	3.954	ng		97
12) 1,3-Dichlorobenzene	7.792	146	143491	3.664	ng		98
13) 1,4-Dichlorobenzene	7.945	146	147694	3.742	ng		97
14) 1,2-Dichlorobenzene	8.257	146	140851	3.745	ng		98
15) Benzyl Alcohol	8.157	79	104802m	3.830	ng		
16) 2,2'-oxybis(1-Chloropr...	8.445	45	177522	3.987	ng		98
17) 2-Methylphenol	8.351	107	101425	3.643	ng		98
18) Hexachloroethane	8.981	117	53896	3.647	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	99704	3.864	ng		97
20) 3+4-Methylphenols	8.681	107	134388	3.507	ng		98
22) Acetophenone	8.739	105	204976	3.921	ng	#	97
24) Nitrobenzene	9.122	77	154168	3.879	ng		98
25) Isophorone	9.645	82	267633	3.581	ng		99
26) 2-Nitrophenol	9.828	139	57266	3.108	ng		96
27) 2,4-Dimethylphenol	9.886	122	95712	4.062	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	178217	3.688	ng		99
29) 2,4-Dichlorophenol	10.357	162	104361	3.364	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	126220	3.619	ng		97
31) Naphthalene	10.757	128	421515	3.709	ng		99
32) Benzoic acid	9.951	122	47503m	2.002	ng		
33) 4-Chloroaniline	10.880	127	166371	3.866	ng		99
34) Hexachlorobutadiene	11.033	225	70238	3.518	ng		96
35) Caprolactam	11.651	113	30289	3.034	ng		93
36) 4-Chloro-3-methylphenol	11.998	107	111715	3.326	ng		100
37) 2-Methylnaphthalene	12.375	142	278114	3.673	ng		98
38) 1-Methylnaphthalene	12.592	142	270962	3.642	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	133986	3.863	ng		99
41) Hexachlorocyclopentadiene	12.710	237	59522	3.932	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	73295	3.105	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	85191	3.288	ng	99
46) 1,1'-Biphenyl	13.386	154	363624	3.861	ng	99
47) 2-Chloronaphthalene	13.427	162	278806	3.738	ng	98
48) 2-Nitroaniline	13.639	65	66862	3.186	ng	94
49) Acenaphthylene	14.274	152	441358	3.966	ng	99
50) Dimethylphthalate	14.021	163	327551	3.702	ng	99
51) 2,6-Dinitrotoluene	14.139	165	61662	3.159	ng	93
52) Acenaphthene	14.616	154	256326	3.722	ng	99
53) 3-Nitroaniline	14.468	138	64305	3.065	ng	96
54) 2,4-Dinitrophenol	14.668	184	18837	7.083	ng	91
55) Dibenzofuran	14.951	168	418211	3.923	ng	99
56) 4-Nitrophenol	14.768	139	43003	2.521	ng	91
57) 2,4-Dinitrotoluene	14.921	165	72716	2.850	ng	87
58) Fluorene	15.598	166	322316	3.913	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	70179	3.452	ng	98
60) Diethylphthalate	15.386	149	328372	3.591	ng	98
61) 4-Chlorophenyl-phenyle...	15.604	204	156230	3.914	ng	100
62) 4-Nitroaniline	15.627	138	57974	2.745	ng	96
63) Azobenzene	15.892	77	307827	3.588	ng	96
65) 4,6-Dinitro-2-methylph...	15.680	198	30061	2.152	ng	94
66) n-Nitrosodiphenylamine	15.815	169	266382	3.741	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	76064	3.282	ng	96
68) Hexachlorobenzene	16.592	284	101798	3.586	ng	98
69) Atrazine	16.774	200	84195	4.367	ng	99
70) Pentachlorophenol	16.945	266	45200	2.448	ng	98
71) Phenanthrene	17.345	178	485899	3.926	ng	100
72) Anthracene	17.433	178	457629	3.735	ng	98
73) Carbazole	17.709	167	416720	3.497	ng	99
74) Di-n-butylphthalate	18.286	149	490111	3.164	ng	99
75) Fluoranthene	19.362	202	488509	3.514	ng	100
77) Benzidine	19.562	184	147295	5.029	ng	99
78) Pyrene	19.727	202	511736	3.525	ng	100
80) Butylbenzylphthalate	20.650	149	179827	2.787	ng	98
81) Benzo(a)anthracene	21.486	228	477503	3.642	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	151496	3.522	ng	96
83) Chrysene	21.539	228	448338	3.619	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	291724	3.064	ng	99
85) Di-n-octyl phthalate	22.374	149	438918	2.640	ng	97
87) Indeno(1,2,3-cd)pyrene	26.374	276	504339	3.493	ng	99
88) Benzo(b)fluoranthene	23.162	252	465501	3.650	ng	99
89) Benzo(k)fluoranthene	23.215	252	417703	3.447	ng	99
90) Benzo(a)pyrene	23.786	252	379224	3.404	ng	99
91) Dibenzo(a,h)anthracene	26.397	278	422362	3.497	ng	100
92) Benzo(g,h,i)perylene	27.132	276	405623	3.311	ng	97

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

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