Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044043.D
Acq On : 09 Feb 2024 17:18
Operator : MA/JU
Sample : P1187-07
Misc : LOD-MDL-WATER-4ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Quant Time: Feb 09 22:55:52 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	500743	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	2189094	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1329202	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	2681298	20.000	ng		0.00
76) Chrysene-d12	21.503	240	2118957	20.000	ng		0.00
86) Perylene-d12	23.897	264	2199188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	4318836	125.443	ng		0.00
7) Phenol-d6	7.075	99	5537273	126.406	ng		0.00
23) Nitrobenzene-d5	9.081	82	3247404	78.717	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1877815	130.480	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	6997978	74.303	ng		0.00
79) Terphenyl-d14	19.945	244	9149580	75.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	53612	3.924	ng		100
3) Pyridine	3.793	79	121709	3.374	ng		98
4) n-Nitrosodimethylamine	3.710	42	48516	3.545	ng	#	98
6) Aniline	7.240	93	192370	4.466	ng		96
8) 2-Chlorophenol	7.469	128	130346	3.625	ng		97
9) Benzaldehyde	7.057	77	124263m	5.520	ng		
10) Phenol	7.098	94	170012	3.846	ng		86
11) bis(2-Chloroethyl)ether	7.345	93	140024	3.825	ng		99
12) 1,3-Dichlorobenzene	7.792	146	149133	3.653	ng		97
13) 1,4-Dichlorobenzene	7.945	146	153028	3.719	ng		98
14) 1,2-Dichlorobenzene	8.257	146	146272	3.731	ng		100
15) Benzyl Alcohol	8.151	79	112698m	3.951	ng		
16) 2,2'-oxybis(1-Chloropr...	8.439	45	185180	3.990	ng		100
17) 2-Methylphenol	8.351	107	105731	3.643	ng		95
18) Hexachloroethane	8.981	117	55517	3.604	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	108884	4.048	ng		99
20) 3+4-Methylphenols	8.681	107	144434	3.616	ng		99
22) Acetophenone	8.739	105	218231	3.927	ng	#	98
24) Nitrobenzene	9.116	77	164184	3.886	ng		99
25) Isophorone	9.639	82	291026	3.664	ng		98
26) 2-Nitrophenol	9.828	139	60020	3.064	ng		96
27) 2,4-Dimethylphenol	9.886	122	102255	4.083	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	194677	3.789	ng		99
29) 2,4-Dichlorophenol	10.357	162	109993	3.336	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	132039	3.561	ng		98
31) Naphthalene	10.757	128	445117	3.684	ng		99
33) 4-Chloroaniline	10.881	127	176605	3.860	ng		98
34) Hexachlorobutadiene	11.033	225	73564	3.466	ng		97
35) Caprolactam	11.645	113	34357	3.238	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	120502	3.375	ng		98
37) 2-Methylnaphthalene	12.375	142	301072	3.741	ng		99
38) 1-Methylnaphthalene	12.592	142	290868	3.678	ng		97
40) 1,2,4,5-Tetrachloroben...	12.733	216	142530	3.689	ng		99
41) Hexachlorocyclopentadiene	12.710	237	59923	3.554	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	82258	3.128	ng		98
44) 2,4,5-Trichlorophenol	13.045	196	91533	3.172	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.386	154	396956	3.785	ng	99
47) 2-Chloronaphthalene	13.427	162	301002	3.623	ng	98
48) 2-Nitroaniline	13.639	65	74404	3.183	ng	95
49) Acenaphthylene	14.274	152	488326	3.940	ng	99
50) Dimethylphthalate	14.016	163	370856	3.763	ng	100
51) 2,6-Dinitrotoluene	14.139	165	70830	3.258	ng	94
52) Acenaphthene	14.610	154	281785	3.673	ng	98
53) 3-Nitroaniline	14.463	138	71956	3.079	ng	95
54) 2,4-Dinitrophenol	14.668	184	21588	7.126	ng	95
55) Dibenzofuran	14.951	168	461214	3.884	ng	98
56) 4-Nitrophenol	14.768	139	49498	2.606	ng	92
57) 2,4-Dinitrotoluene	14.921	165	83490	2.938	ng	92
58) Fluorene	15.598	166	366091	3.990	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.174	232	80448	3.553	ng	99
60) Diethylphthalate	15.386	149	369481	3.628	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	173890	3.911	ng	97
62) 4-Nitroaniline	15.627	138	66586	2.831	ng	91
63) Azobenzene	15.898	77	347260	3.634	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	34739	2.174	ng	93
66) n-Nitrosodiphenylamine	15.815	169	299956	3.682	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	79215	2.988	ng	95
68) Hexachlorobenzene	16.592	284	115818	3.566	ng	97
69) Atrazine	16.774	200	95895	4.347	ng	98
70) Pentachlorophenol	16.945	266	52404	2.481	ng	96
71) Phenanthrene	17.345	178	553624	3.910	ng	99
72) Anthracene	17.433	178	527602	3.764	ng	99
73) Carbazole	17.709	167	486421	3.568	ng	100
74) Di-n-butylphthalate	18.286	149	575417	3.247	ng	99
75) Fluoranthene	19.362	202	574179	3.610	ng	98
77) Benzidine	19.562	184	205573	6.243	ng	100
78) Pyrene	19.727	202	596855	3.657	ng	99
80) Butylbenzylphthalate	20.650	149	212661	2.932	ng	99
81) Benzo(a)anthracene	21.486	228	549817	3.730	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	168494	3.484	ng	99
83) Chrysene	21.539	228	505476	3.630	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	333068	3.112	ng	99
85) Di-n-octyl phthalate	22.374	149	498400	2.666	ng	97
87) Indeno(1,2,3-cd)pyrene	26.374	276	518520	3.331	ng	100
88) Benzo(b)fluoranthene	23.168	252	486689	3.540	ng	98
89) Benzo(k)fluoranthene	23.215	252	471614	3.610	ng	99
90) Benzo(a)pyrene	23.791	252	402546	3.352	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	430974	3.310	ng	100
92) Benzo(g,h,i)perylene	27.132	276	416755	3.156	ng	98

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

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