Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
Data File : BM038514.D
Acq On : 23 Jan 2023 18:26
Operator : CG/JU
Sample : N4955-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 05:15:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 01:21:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	49895	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	160875	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	97869	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	225669	20.000	ng	#	0.00
76) Chrysene-d12	21.515	240	242505	20.000	ng		0.00
86) Perylene-d12	23.927	264	314467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	373257	123.668	ng		0.00
7) Phenol-d6	7.128	99	465744	120.945	ng		0.00
23) Nitrobenzene-d5	9.140	82	301473	81.377	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	198414	140.785	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	670043	84.334	ng		0.00
79) Terphenyl-d14	19.957	244	1047582	84.216	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	6392	4.515	ng		91
3) Pyridine	3.822	79	9461m	2.545	ng		
4) n-Nitrosodimethylamine	3.716	42	5694	3.226	ng	#	89
6) Aniline	7.299	93	16873	3.530	ng		98
8) 2-Chlorophenol	7.528	128	12297	3.988	ng		94
9) Benzaldehyde	7.110	77	12691m	5.556	ng		
10) Phenol	7.157	94	15465	4.019	ng		90
11) bis(2-Chloroethyl)ether	7.393	93	11489	3.784	ng		95
12) 1,3-Dichlorobenzene	7.851	146	13895	3.964	ng		99
13) 1,4-Dichlorobenzene	8.004	146	13965	3.943	ng		96
14) 1,2-Dichlorobenzene	8.316	146	13647	3.978	ng		96
15) Benzyl Alcohol	8.216	79	9838	3.417	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.493	45	11924	3.740	ng		96
17) 2-Methylphenol	8.416	107	8660	3.180	ng		91
18) Hexachloroethane	9.040	117	5271	4.003	ng	#	69
19) n-Nitroso-di-n-propyla...	8.775	70	8848	3.206	ng	#	94
20) 3+4-Methylphenols	8.745	107	11053	3.028	ng		91
22) Acetophenone	8.798	105	16713	3.771	ng	#	92
24) Nitrobenzene	9.181	77	16601m	4.429	ng		
25) Isophorone	9.704	82	21361	3.494	ng	#	94
26) 2-Nitrophenol	9.898	139	4971	3.341	ng	#	91
27) 2,4-Dimethylphenol	9.951	122	8418	3.400	ng	#	89
28) bis(2-Chloroethoxy)met...	10.192	93	12705	3.552	ng	#	97
29) 2,4-Dichlorophenol	10.428	162	9865	3.396	ng		92
30) 1,2,4-Trichlorobenzene	10.639	180	12893	3.881	ng		95
31) Naphthalene	10.828	128	30832	3.528	ng		99
32) Benzoic acid	10.051	122	2923m	6.921	ng		
33) 4-Chloroaniline	10.951	127	10873	2.981	ng		99
34) Hexachlorobutadiene	11.098	225	9106	4.167	ng		96
35) Caprolactam	11.734	113	1482	2.104	ng		91
36) 4-Chloro-3-methylphenol	12.069	107	8605	3.257	ng		91
37) 2-Methylnaphthalene	12.433	142	19927	3.173	ng	#	95
38) 1-Methylnaphthalene	12.651	142	19787	3.340	ng		90
40) 1,2,4,5-Tetrachloroben...	12.798	216	14290	3.882	ng		95
41) Hexachlorocyclopentadiene	12.769	237	7309	3.612	ng		92
43) 2,4,6-Trichlorophenol	13.039	196	8097	3.436	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	8973	3.251	ng	#	90
46) 1,1'-Biphenyl	13.439	154	29664	3.785	ng		97
47) 2-Chloronaphthalene	13.480	162	23645	3.864	ng		99
48) 2-Nitroaniline	13.692	65	5101	2.839	ng		93
49) Acenaphthylene	14.327	152	31900	3.332	ng		98
50) Dimethylphthalate	14.057	163	27464	3.645	ng	#	98
51) 2,6-Dinitrotoluene	14.186	165	4648	2.932	ng	#	75
52) Acenaphthene	14.663	154	20437	3.501	ng		96
53) 3-Nitroaniline	14.522	138	3702	2.350	ng	#	79
54) 2,4-Dinitrophenol	14.733	184	2347	6.645	ng	#	90
55) Dibenzofuran	14.998	168	35565	3.644	ng		94
56) 4-Nitrophenol	14.833	139	2670	2.058	ng	#	80
57) 2,4-Dinitrotoluene	14.975	165	5862	2.728	ng	#	92
58) Fluorene	15.645	166	26028	3.288	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	7543	3.343	ng	#	98
60) Diethylphthalate	15.410	149	25377	3.440	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	15170	3.651	ng		97
62) 4-Nitroaniline	15.680	138	3365	5.127	ng		86
63) Azobenzene	15.927	77	24690	3.159	ng		93
65) 4,6-Dinitro-2-methylph...	15.733	198	3645	2.488	ng		92
66) n-Nitrosodiphenylamine	15.851	169	22818	3.368	ng		92
67) 4-Bromophenyl-phenylether	16.533	248	8490	3.392	ng		97
68) Hexachlorobenzene	16.645	284	10779	3.991	ng		99
69) Atrazine	16.798	200	7743	3.426	ng		93
70) Pentachlorophenol	16.992	266	5229	2.719	ng		96
71) Phenanthrene	17.386	178	44356	3.520	ng		96
72) Anthracene	17.474	178	41758	3.256	ng		95
73) Carbazole	17.751	167	35505	3.144	ng		97
74) Di-n-butylphthalate	18.298	149	35783	2.884	ng		99
75) Fluoranthene	19.398	202	48786	3.221	ng		99
77) Benzidine	19.586	184	19105	3.457	ng		97
78) Pyrene	19.757	202	53920	3.193	ng		96
80) Butylbenzylphthalate	20.645	149	16221	2.778	ng		97
81) Benzo(a)anthracene	21.498	228	61697	3.590	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	21879	3.964	ng		93
83) Chrysene	21.551	228	61319	3.649	ng		98
84) Bis(2-ethylhexyl)phtha...	21.415	149	22136	2.616	ng		97
85) Di-n-octyl phthalate	22.339	149	41307	2.745	ng		96
87) Indeno(1,2,3-cd)pyrene	26.444	276	81272	3.493	ng		97
88) Benzo(b)fluoranthene	23.192	252	68038	3.587	ng		97
89) Benzo(k)fluoranthene	23.239	252	65632	3.344	ng		98
90) Benzo(a)pyrene	23.821	252	58662	3.119	ng		98
91) Dibenzo(a,h)anthracene	26.450	278	70517	3.641	ng		98
92) Benzo(g,h,i)perylene	27.215	276	73738	3.717	ng		99

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

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