Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034298.D
Acq On : 21 Mar 2022 21:19
Operator : CG/JU
Sample : M4068-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 22 04:11:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	155883	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	641134	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	442630	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	957301	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1042826	20.000	ng		0.00
86) Perylene-d12	23.906	264	1061494	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1039939	119.680	ng		0.00
7) Phenol-d6	7.101	99	1514457	121.730	ng		0.00
23) Nitrobenzene-d5	9.107	82	1165130	88.478	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	757418	126.954	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2752262	84.968	ng		0.00
79) Terphenyl-d14	19.942	244	4663526	77.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	30026	7.637	ng		97
3) Pyridine	3.766	79	71504	6.721	ng	#	95
4) n-Nitrosodimethylamine	3.672	42	37131	7.351	ng	#	92
6) Aniline	7.260	93	117613	8.273	ng		97
8) 2-Chlorophenol	7.501	128	75982	7.476	ng		96
9) Benzaldehyde	7.072	77	71948m	10.734	ng		
10) Phenol	7.125	94	91944	7.431	ng		95
11) bis(2-Chloroethyl)ether	7.360	93	78817	7.761	ng		98
12) 1,3-Dichlorobenzene	7.831	146	88685	7.693	ng		96
13) 1,4-Dichlorobenzene	7.978	146	90480	7.666	ng		98
14) 1,2-Dichlorobenzene	8.301	146	86919	7.555	ng		98
15) Benzyl Alcohol	8.178	79	69055	6.975	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	112649	8.082	ng		98
17) 2-Methylphenol	8.384	107	62728	7.238	ng		98
18) Hexachloroethane	9.031	117	33149	7.615	ng		96
19) n-Nitroso-di-n-propyla...	8.748	70	68089	7.566	ng		97
20) 3+4-Methylphenols	8.713	107	82319	6.868	ng		98
22) Acetophenone	8.766	105	126465	7.686	ng		96
24) Nitrobenzene	9.148	77	100142	8.145	ng		100
25) Isophorone	9.672	82	179907	8.164	ng		97
26) 2-Nitrophenol	9.866	139	35556	6.521	ng		99
27) 2,4-Dimethylphenol	9.925	122	70385	8.244	ng		99
28) bis(2-Chloroethoxy)met...	10.160	93	107995	7.655	ng		99
29) 2,4-Dichlorophenol	10.401	162	68153	6.871	ng		97
30) 1,2,4-Trichlorobenzene	10.619	180	82763	7.340	ng		95
31) Naphthalene	10.807	128	258651	7.744	ng		99
32) Benzoic acid	9.989	122	24021	3.402	ng	#	84
33) 4-Chloroaniline	10.913	127	94340	7.160	ng		99
34) Hexachlorobutadiene	11.101	225	52687	7.377	ng		96
35) Caprolactam	11.666	113	24407m	7.078	ng		
36) 4-Chloro-3-methylphenol	12.030	107	80229	7.058	ng		97
37) 2-Methylnaphthalene	12.413	142	182514	7.658	ng		98
38) 1-Methylnaphthalene	12.630	142	178807	7.669	ng		99
40) 1,2,4,5-Tetrachloroben...	12.783	216	99528	7.451	ng		98
41) Hexachlorocyclopentadiene	12.772	237	61047	7.893	ng		96
43) 2,4,6-Trichlorophenol	13.019	196	58772	6.373	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	64802	6.547	ng	97
46) 1,1'-Biphenyl	13.419	154	258496	7.659	ng	98
47) 2-Chloronaphthalene	13.460	162	192171	7.418	ng	99
48) 2-Nitroaniline	13.660	65	49895	6.300	ng	97
49) Acenaphthylene	14.301	152	317191	7.856	ng	100
50) Dimethylphthalate	14.036	163	254882	7.566	ng	100
51) 2,6-Dinitrotoluene	14.148	165	51386	7.437	ng	94
52) Acenaphthene	14.648	154	201110	7.395	ng	98
53) 3-Nitroaniline	14.477	138	43401	6.260	ng	94
54) 2,4-Dinitrophenol	14.683	184	16618	4.292	ng	94
55) Dibenzofuran	14.977	168	303455	7.487	ng	99
56) 4-Nitrophenol	14.777	139	30235	5.380	ng	91
57) 2,4-Dinitrotoluene	14.936	165	67408	7.217	ng	99
58) Fluorene	15.624	166	248712	7.559	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.201	232	62190	6.967	ng	99
60) Diethylphthalate	15.395	149	264734	7.659	ng	100
61) 4-Chlorophenyl-phenyle...	15.618	204	127533	7.592	ng	98
62) 4-Nitroaniline	15.636	138	40155m	6.021	ng	
63) Azobenzene	15.913	77	251724	7.553	ng	99
65) 4,6-Dinitro-2-methylph...	15.695	198	31827	5.113	ng	91
66) n-Nitrosodiphenylamine	15.830	169	216184	7.108	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	76730	6.972	ng	99
68) Hexachlorobenzene	16.630	284	89640	7.303	ng	97
69) Atrazine	16.777	200	78570	7.838	ng	98
70) Pentachlorophenol	16.971	266	49272	6.277	ng	99
71) Phenanthrene	17.365	178	405190	7.558	ng	99
72) Anthracene	17.454	178	389743	7.469	ng	99
73) Carbazole	17.718	167	331974	6.822	ng	99
74) Di-n-butylphthalate	18.289	149	435154	7.193	ng	98
75) Fluoranthene	19.377	202	464480	7.729	ng	100
77) Benzidine	19.559	184	125141m	8.189	ng	
78) Pyrene	19.736	202	499951	6.805	ng	99
80) Butylbenzylphthalate	20.630	149	193550	6.229	ng	98
81) Benzo(a)anthracene	21.477	228	494720	7.516	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	154979	7.050	ng	98
83) Chrysene	21.530	228	492909	7.333	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	304151	6.629	ng	100
85) Di-n-octyl phthalate	22.336	149	503145	6.908	ng	99
87) Indeno(1,2,3-cd)pyrene	26.412	276	431620	6.321	ng	99
88) Benzo(b)fluoranthene	23.171	252	481707	7.589	ng	99
89) Benzo(k)fluoranthene	23.218	252	479613	7.133	ng	99
90) Benzo(a)pyrene	23.794	252	428200	7.958	ng	99
91) Dibenzo(a,h)anthracene	26.430	278	354253	6.398	ng	97
92) Benzo(g,h,i)perylene	27.188	276	392203	6.844	ng	100

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

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