Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034299.D
Acq On : 21 Mar 2022 21:55
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER-5ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

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

Quant Time: Mar 22 04:11:21 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	206428	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	842838	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	580884	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1248696	20.000	ng		-0.01
76) Chrysene-d12	21.489	240	1340340	20.000	ng		-0.01
86) Perylene-d12	23.900	264	1329715	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1205005	104.721	ng		0.00
7) Phenol-d6	7.101	99	1668226	101.257	ng		0.00
23) Nitrobenzene-d5	9.107	82	1258923	72.722	ng		0.00
42) 2,4,6-Tribromophenol	16.065	330	839753	107.254	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2944715	69.272	ng		0.00
79) Terphenyl-d14	19.942	244	5094938	66.051	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	24785	4.761	ng		99
3) Pyridine	3.766	79	55449	3.936	ng	#	90
4) n-Nitrosodimethylamine	3.672	42	30482	4.557	ng	#	94
6) Aniline	7.260	93	96411	5.121	ng		96
8) 2-Chlorophenol	7.501	128	62387	4.635	ng		93
9) Benzaldehyde	7.072	77	60096m	6.771	ng		
10) Phenol	7.125	94	76395	4.662	ng		96
11) bis(2-Chloroethyl)ether	7.360	93	65025	4.835	ng		99
12) 1,3-Dichlorobenzene	7.831	146	72762	4.766	ng		97
13) 1,4-Dichlorobenzene	7.978	146	74161	4.745	ng		97
14) 1,2-Dichlorobenzene	8.301	146	71069	4.665	ng		99
15) Benzyl Alcohol	8.178	79	56383	4.300	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.478	45	92282	5.000	ng		99
17) 2-Methylphenol	8.384	107	50683	4.416	ng		99
18) Hexachloroethane	9.031	117	26947	4.675	ng		94
19) n-Nitroso-di-n-propyla...	8.748	70	55452	4.653	ng		98
20) 3+4-Methylphenols	8.713	107	67465	4.251	ng		96
22) Acetophenone	8.766	105	103944	4.806	ng		96
24) Nitrobenzene	9.148	77	85925	5.316	ng		98
25) Isophorone	9.672	82	146755	5.066	ng		96
26) 2-Nitrophenol	9.866	139	28382	3.960	ng		100
27) 2,4-Dimethylphenol	9.925	122	54905	4.892	ng		97
28) bis(2-Chloroethoxy)met...	10.160	93	86747	4.677	ng		98
29) 2,4-Dichlorophenol	10.401	162	54922	4.212	ng		94
30) 1,2,4-Trichlorobenzene	10.619	180	69058	4.659	ng		99
31) Naphthalene	10.807	128	215046	4.897	ng		99
32) Benzoic acid	9.983	122	14941	1.610	ng		89
33) 4-Chloroaniline	10.913	127	75453	4.356	ng		98
34) Hexachlorobutadiene	11.101	225	43562	4.640	ng		96
35) Caprolactam	11.666	113	18633	4.111	ng		88
36) 4-Chloro-3-methylphenol	12.030	107	60828	4.070	ng		97
37) 2-Methylnaphthalene	12.413	142	148887	4.752	ng		95
38) 1-Methylnaphthalene	12.630	142	145970m	4.763	ng		
40) 1,2,4,5-Tetrachloroben...	12.783	216	80400	4.586	ng		99
41) Hexachlorocyclopentadiene	12.766	237	41136	4.053	ng		98
43) 2,4,6-Trichlorophenol	13.019	196	47140	3.895	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	51223	3.943	ng		98
46) 1,1'-Biphenyl	13.419	154	210409	4.751	ng		98
47) 2-Chloronaphthalene	13.460	162	152939	4.499	ng		97
48) 2-Nitroaniline	13.660	65	40093	3.857	ng		97
49) Acenaphthylene	14.301	152	253480	4.784	ng		100
50) Dimethylphthalate	14.036	163	205911	4.657	ng		100
51) 2,6-Dinitrotoluene	14.148	165	40838	4.503	ng		93
52) Acenaphthene	14.648	154	157405	4.410	ng		99
53) 3-Nitroaniline	14.477	138	34490	3.791	ng		85
54) 2,4-Dinitrophenol	14.683	184	12139	2.389	ng		97
55) Dibenzofuran	14.977	168	243670	4.581	ng		99
56) 4-Nitrophenol	14.783	139	21062m	2.856	ng		
57) 2,4-Dinitrotoluene	14.936	165	50762	4.141	ng	#	98
58) Fluorene	15.624	166	198731	4.602	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.201	232	48271	4.121	ng		99
60) Diethylphthalate	15.395	149	210380	4.638	ng		99
61) 4-Chlorophenyl-phenyle...	15.618	204	100404	4.554	ng		95
62) 4-Nitroaniline	15.636	138	31551m	3.605	ng		
63) Azobenzene	15.913	77	200750	4.590	ng		98
65) 4,6-Dinitro-2-methylph...	15.695	198	24083	2.966	ng		95
66) n-Nitrosodiphenylamine	15.830	169	172610	4.351	ng		99
67) 4-Bromophenyl-phenylether	16.512	248	61349	4.274	ng		97
68) Hexachlorobenzene	16.630	284	72798	4.547	ng		98
69) Atrazine	16.777	200	60476	4.625	ng		99
70) Pentachlorophenol	16.971	266	37254	3.638	ng		98
71) Phenanthrene	17.359	178	323917	4.632	ng		100
72) Anthracene	17.454	178	302728	4.448	ng		99
73) Carbazole	17.718	167	257258	4.053	ng		99
74) Di-n-butylphthalate	18.289	149	337653	4.279	ng		100
75) Fluoranthene	19.371	202	367668	4.690	ng		98
77) Benzidine	19.559	184	91133m	4.640	ng		
78) Pyrene	19.736	202	397963	4.214	ng		100
80) Butylbenzylphthalate	20.630	149	149077	3.733	ng		98
81) Benzo(a)anthracene	21.477	228	382732	4.524	ng		99
82) 3,3'-Dichlorobenzidine	21.406	252	118082	4.179	ng		99
83) Chrysene	21.530	228	389900	4.513	ng		98
84) Bis(2-ethylhexyl)phtha...	21.406	149	235034	3.985	ng		100
85) Di-n-octyl phthalate	22.330	149	385556	4.119	ng		98
87) Indeno(1,2,3-cd)pyrene	26.418	276	339281	3.966	ng		99
88) Benzo(b)fluoranthene	23.165	252	357395	4.495	ng		99
89) Benzo(k)fluoranthene	23.212	252	404755	4.805	ng		100
90) Benzo(a)pyrene	23.794	252	335984	4.984	ng		98
91) Dibenzo(a,h)anthracene	26.435	278	274108	3.952	ng		99
92) Benzo(g,h,i)perylene	27.182	276	307974	4.290	ng		97

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

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