Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009461.D
Acq On : 18 Mar 2022 18:24
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED

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

Quant Time: Mar 19 04:36:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	291609	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1087971	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	676522	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1355753	20.000	ng		0.00
76) Chrysene-d12	21.310	240	1480805	20.000	ng		0.00
86) Perylene-d12	23.710	264	1594066	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2608223	156.161	ng		0.00
7) Phenol-d6	6.987	99	3386006	149.907	ng		0.00
23) Nitrobenzene-d5	8.952	82	1776006	86.747	ng		0.00
42) 2,4,6-Tribromophenol	15.940	330	1638904	146.805	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4267346	87.444	ng		0.00
79) Terphenyl-d14	19.775	244	6701265	81.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	26504	4.006	ng		95
3) Pyridine	3.740	79	58917	3.307	ng	#	91
4) n-Nitrosodimethylamine	3.640	42	23276	3.547	ng	#	86
6) Aniline	7.128	93	105134	4.084	ng		100
8) 2-Chlorophenol	7.369	128	72523	3.808	ng		95
9) Benzaldehyde	6.946	77	64145m	3.417	ng		
10) Phenol	7.011	94	86144	3.801	ng	#	66
11) bis(2-Chloroethyl)ether	7.228	93	70033	3.905	ng		99
12) 1,3-Dichlorobenzene	7.687	146	84149	3.915	ng		97
13) 1,4-Dichlorobenzene	7.834	146	86409	3.932	ng		98
14) 1,2-Dichlorobenzene	8.146	146	83336	3.923	ng		94
15) Benzyl Alcohol	8.116	79	87115m	4.837	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	75531	3.885	ng		89
17) 2-Methylphenol	8.258	107	54823	3.511	ng		97
18) Hexachloroethane	8.875	117	29482	3.828	ng		92
19) n-Nitroso-di-n-propyla...	8.605	70	49148	3.440	ng	#	98
20) 3+4-Methylphenols	8.599	107	64907	3.023	ng	#	87
22) Acetophenone	8.622	105	105027	3.900	ng	#	97
24) Nitrobenzene	8.993	77	83385	4.311	ng		98
25) Isophorone	9.528	82	135369	3.876	ng		98
26) 2-Nitrophenol	9.716	139	32962	3.270	ng		97
27) 2,4-Dimethylphenol	9.799	122	48291	3.395	ng		96
28) bis(2-Chloroethoxy)met...	10.016	93	80833	3.555	ng		98
29) 2,4-Dichlorophenol	10.293	162	53017	3.055	ng		94
30) 1,2,4-Trichlorobenzene	10.457	180	77010	3.831	ng		99
31) Naphthalene	10.640	128	225776	4.029	ng		99
32) Benzoic acid	10.005	122	15853m	1.425	ng		
33) 4-Chloroaniline	10.775	127	70467	3.081	ng		99
34) Hexachlorobutadiene	10.934	225	53200	3.906	ng		96
35) Caprolactam	11.552	113	17527m	2.993	ng		
36) 4-Chloro-3-methylphenol	11.916	107	61971	3.324	ng		96
37) 2-Methylnaphthalene	12.263	142	146274	3.720	ng		99
38) 1-Methylnaphthalene	12.475	142	145280	3.793	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	87600	3.903	ng		98
41) Hexachlorocyclopentadiene	12.610	237	9505	8.173	ng		90
43) 2,4,6-Trichlorophenol	12.887	196	46866	3.150	ng		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	51550	3.191	ng	96
46) 1,1'-Biphenyl	13.275	154	208765	4.137	ng	99
47) 2-Chloronaphthalene	13.310	162	157551	3.965	ng	99
48) 2-Nitroaniline	13.528	65	35059	3.240	ng	98
49) Acenaphthylene	14.157	152	250790	4.089	ng	98
50) Dimethylphthalate	13.898	163	187281	3.653	ng	99
51) 2,6-Dinitrotoluene	14.016	165	37408	3.483	ng	100
52) Acenaphthene	14.504	154	143551	3.918	ng	99
53) 3-Nitroaniline	14.363	138	33312	2.936	ng	99
54) 2,4-Dinitrophenol	14.610	184	8239m	5.697	ng	
55) Dibenzofuran	14.840	168	236379	3.840	ng	96
56) 4-Nitrophenol	14.793	139	7503	0.887	ng	94
57) 2,4-Dinitrotoluene	14.816	165	45016	3.048	ng	98
58) Fluorene	15.493	166	184592	3.813	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.087	232	50143	3.423	ng	93
60) Diethylphthalate	15.269	149	180420	3.517	ng	99
61) 4-Chlorophenyl-phenyle...	15.487	204	97083	3.640	ng	97
62) 4-Nitroaniline	15.540	138	32812m	2.754	ng	
63) Azobenzene	15.781	77	158057	3.541	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	15598	1.789	ng	95
66) n-Nitrosodiphenylamine	15.704	169	157577	3.928	ng	98
67) 4-Bromophenyl-phenylether	16.387	248	60711	3.660	ng	97
68) Hexachlorobenzene	16.504	284	74700	3.912	ng	97
69) Atrazine	16.669	200	52063	3.691	ng	96
70) Pentachlorophenol	16.887	266	27974	2.741	ng	97
71) Phenanthrene	17.239	178	289266	3.986	ng	99
72) Anthracene	17.339	178	275387	3.843	ng	99
73) Carbazole	17.622	167	244464	3.489	ng	99
74) Di-n-butylphthalate	18.175	149	278686	3.394	ng	99
75) Fluoranthene	19.222	202	340154	3.871	ng	97
77) Benzidine	19.422	184	122982	3.388	ng	100
78) Pyrene	19.575	202	353287	3.621	ng	100
80) Butylbenzylphthalate	20.457	149	132426	3.193	ng	96
81) Benzo(a)anthracene	21.292	228	375563	3.860	ng	100
82) 3,3'-Dichlorobenzidine	21.239	252	139527	3.712	ng	100
83) Chrysene	21.345	228	359985	3.908	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	199607	3.453	ng	99
85) Di-n-octyl phthalate	22.151	149	353304	3.546	ng	98
87) Indeno(1,2,3-cd)pyrene	26.210	276	460703	3.809	ng	95
88) Benzo(b)fluoranthene	22.980	252	379451	3.987	ng	99
89) Benzo(k)fluoranthene	23.027	252	394232	4.231	ng	98
90) Benzo(a)pyrene	23.604	252	375141	4.608	ng	100
91) Dibenzo(a,h)anthracene	26.239	278	401263	3.981	ng	98
92) Benzo(g,h,i)perylene	26.980	276	401466	4.049	ng	95

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

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