Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009462.D
Acq On : 18 Mar 2022 18:58
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Quant Time: Mar 19 04:32:05 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	325036	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1254988	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	683059	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1469015	20.000	ng		0.00
76) Chrysene-d12	21.310	240	1615027	20.000	ng		0.00
86) Perylene-d12	23.710	264	1701966	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2980922	160.120	ng		0.00
7) Phenol-d6	6.987	99	3806282	151.184	ng		0.00
23) Nitrobenzene-d5	8.952	82	1695978	71.813	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1678308	148.896	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4128058	83.780	ng		0.00
79) Terphenyl-d14	19.774	244	7177377	79.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	60397	8.191	ng		99
3) Pyridine	3.734	79	149085	7.507	ng		95
4) n-Nitrosodimethylamine	3.640	42	56742	7.758	ng	#	94
6) Aniline	7.128	93	244390	8.517	ng		98
8) 2-Chlorophenol	7.369	128	163807	7.716	ng		98
9) Benzaldehyde	6.946	77	139939m	8.926	ng		
10) Phenol	7.010	94	197945	7.837	ng		87
11) bis(2-Chloroethyl)ether	7.228	93	157375	7.873	ng		95
12) 1,3-Dichlorobenzene	7.687	146	188475	7.866	ng		98
13) 1,4-Dichlorobenzene	7.834	146	190954	7.795	ng		100
14) 1,2-Dichlorobenzene	8.152	146	181955	7.685	ng		99
15) Benzyl Alcohol	8.052	79	158827m	7.912	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	164959	7.613	ng		93
17) 2-Methylphenol	8.257	107	121284	6.968	ng		98
18) Hexachloroethane	8.875	117	56693	6.604	ng		89
19) n-Nitroso-di-n-propyla...	8.604	70	98468	6.184	ng		98
20) 3+4-Methylphenols	8.593	107	140839	5.885	ng		95
22) Acetophenone	8.622	105	206391	6.645	ng	#	98
24) Nitrobenzene	8.993	77	157843	7.075	ng		97
25) Isophorone	9.522	82	280124	6.954	ng		99
26) 2-Nitrophenol	9.710	139	67171	5.776	ng		95
27) 2,4-Dimethylphenol	9.787	122	102490	6.246	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	179581	6.847	ng		99
29) 2,4-Dichlorophenol	10.275	162	133158	6.653	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	176566	7.614	ng		100
31) Naphthalene	10.640	128	518990	8.028	ng		99
32) Benzoic acid	9.946	122	46090m	3.593	ng		
33) 4-Chloroaniline	10.769	127	185335	7.026	ng		99
34) Hexachlorobutadiene	10.934	225	111834	7.118	ng		97
35) Caprolactam	11.534	113	39026	5.777	ng		95
36) 4-Chloro-3-methylphenol	11.910	107	131865	6.131	ng		97
37) 2-Methylnaphthalene	12.257	142	294810	6.500	ng		99
38) 1-Methylnaphthalene	12.475	142	287487	6.506	ng		97
40) 1,2,4,5-Tetrachloroben...	12.628	216	173511	7.656	ng		98
41) Hexachlorocyclopentadiene	12.610	237	30835	10.129	ng		96
43) 2,4,6-Trichlorophenol	12.881	196	101820	6.778	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	111892	6.859	ng		97
46) 1,1'-Biphenyl	13.275	154	408253	8.012	ng		99
47) 2-Chloronaphthalene	13.310	162	311237	7.758	ng		98
48) 2-Nitroaniline	13.522	65	76730	7.022	ng		95
49) Acenaphthylene	14.157	152	509939	8.234	ng		99
50) Dimethylphthalate	13.898	163	391202	7.558	ng		99
51) 2,6-Dinitrotoluene	14.016	165	80565	7.429	ng		97
52) Acenaphthene	14.504	154	291093	7.868	ng		99
53) 3-Nitroaniline	14.357	138	78941	6.892	ng		97
54) 2,4-Dinitrophenol	14.581	184	23674	7.847	ng		97
55) Dibenzofuran	14.839	168	476300	7.663	ng		97
56) 4-Nitrophenol	14.728	139	38134	4.466	ng		99
57) 2,4-Dinitrotoluene	14.810	165	105030	7.044	ng		98
58) Fluorene	15.492	166	380830	7.791	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	101835	6.886	ng	#	94
60) Diethylphthalate	15.269	149	385908	7.450	ng		100
61) 4-Chlorophenyl-phenyle...	15.486	204	201443	7.481	ng		98
62) 4-Nitroaniline	15.522	138	77421	6.436	ng		97
63) Azobenzene	15.781	77	335909	7.454	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	48147	5.097	ng		98
66) n-Nitrosodiphenylamine	15.704	169	335125	7.709	ng		98
67) 4-Bromophenyl-phenylether	16.386	248	129484	7.203	ng		96
68) Hexachlorobenzene	16.504	284	154349	7.461	ng		96
69) Atrazine	16.669	200	124543	8.148	ng		99
70) Pentachlorophenol	16.869	266	69548	6.289	ng		95
71) Phenanthrene	17.239	178	615273	7.824	ng		99
72) Anthracene	17.333	178	600109	7.729	ng		100
73) Carbazole	17.616	167	549287	7.234	ng		99
74) Di-n-butylphthalate	18.169	149	651010	7.317	ng		99
75) Fluoranthene	19.222	202	745520	7.831	ng		97
77) Benzidine	19.410	184	303321	7.662	ng		99
78) Pyrene	19.575	202	781787	7.346	ng		100
80) Butylbenzylphthalate	20.457	149	304106	6.723	ng		98
81) Benzo(a)anthracene	21.292	228	813229	7.664	ng		98
82) 3,3'-Dichlorobenzidine	21.233	252	309426	7.549	ng		99
83) Chrysene	21.345	228	766487	7.629	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	456243	7.236	ng		99
85) Di-n-octyl phthalate	22.151	149	798680	7.349	ng		98
87) Indeno(1,2,3-cd)pyrene	26.209	276	959974	7.435	ng		95
88) Benzo(b)fluoranthene	22.980	252	858853	8.453	ng		98
89) Benzo(k)fluoranthene	23.027	252	803297	8.075	ng		98
90) Benzo(a)pyrene	23.604	252	812116	9.342	ng		97
91) Dibenzo(a,h)anthracene	26.227	278	841976	7.824	ng		98
92) Benzo(g,h,i)perylene	26.974	276	829244	7.833	ng	#	94

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

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