Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
Data File : BM034262.D
Acq On : 16 Mar 2022 17:59
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 5ppn
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 18:54:28 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

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	180432	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	748466	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	508927	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1065904	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1069808	20.000	ng		0.00
86) Perylene-d12	23.912	264	1046921	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	916934	91.167	ng		0.00
7) Phenol-d6	7.101	99	1276266	88.627	ng		0.00
23) Nitrobenzene-d5	9.107	82	955328	62.143	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	641977	93.587	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2281734	61.265	ng		0.00
79) Terphenyl-d14	19.942	244	3753007	60.957	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	19080	4.193	ng		98
3) Pyridine	3.766	79	50400	4.093	ng	#	93
4) n-Nitrosodimethylamine	3.672	42	27251	4.661	ng	#	95
6) Aniline	7.266	93	90143	5.478	ng		99
8) 2-Chlorophenol	7.507	128	57735	4.908	ng		94
9) Benzaldehyde	7.078	77	47132m	6.075	ng		
10) Phenol	7.125	94	69575	4.858	ng		92
11) bis(2-Chloroethyl)ether	7.366	93	60448	5.142	ng		98
12) 1,3-Dichlorobenzene	7.837	146	68583	5.140	ng		99
13) 1,4-Dichlorobenzene	7.984	146	70477	5.159	ng		100
14) 1,2-Dichlorobenzene	8.301	146	66974	5.029	ng		98
15) Benzyl Alcohol	8.184	79	50618	4.417	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.478	45	85081	5.274	ng		98
17) 2-Methylphenol	8.390	107	46866	4.672	ng		96
18) Hexachloroethane	9.037	117	25023	4.966	ng		89
19) n-Nitroso-di-n-propyla...	8.754	70	50814	4.878	ng		99
20) 3+4-Methylphenols	8.713	107	60865	4.387	ng		97
22) Acetophenone	8.772	105	78927	4.109	ng	#	95
24) Nitrobenzene	9.148	77	76770	5.349	ng		98
25) Isophorone	9.678	82	136085	5.290	ng		98
26) 2-Nitrophenol	9.866	139	26492	4.162	ng		96
27) 2,4-Dimethylphenol	9.925	122	52749	5.293	ng		98
28) bis(2-Chloroethoxy)met...	10.166	93	81857	4.970	ng		100
29) 2,4-Dichlorophenol	10.407	162	50544	4.365	ng		94
30) 1,2,4-Trichlorobenzene	10.625	180	65400	4.968	ng		99
31) Naphthalene	10.813	128	197920	5.076	ng		99
32) Benzoic acid	9.984	122	12249	1.486	ng	#	83
33) 4-Chloroaniline	10.919	127	66913	4.350	ng		97
34) Hexachlorobutadiene	11.107	225	40377	4.843	ng		96
35) Caprolactam	11.666	113	13624	3.384	ng		89
36) 4-Chloro-3-methylphenol	12.036	107	57227	4.312	ng		98
37) 2-Methylnaphthalene	12.419	142	139344	5.008	ng		99
38) 1-Methylnaphthalene	12.636	142	137671	5.058	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	63576	4.139	ng		98
41) Hexachlorocyclopentadiene	12.772	237	47410	5.331	ng		100
43) 2,4,6-Trichlorophenol	13.025	196	44095	4.159	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	48775	4.286	ng		94
46) 1,1'-Biphenyl	13.425	154	161386	4.159	ng		99
47) 2-Chloronaphthalene	13.466	162	147072	4.938	ng		99
48) 2-Nitroaniline	13.666	65	35693	3.920	ng		99
49) Acenaphthylene	14.307	152	235059	5.063	ng		99
50) Dimethylphthalate	14.036	163	194518	5.022	ng		99
51) 2,6-Dinitrotoluene	14.154	165	37448	4.713	ng		97
52) Acenaphthene	14.648	154	147407	4.714	ng		99
53) 3-Nitroaniline	14.483	138	28813	3.615	ng		94
54) 2,4-Dinitrophenol	14.689	184	10566	2.374	ng	#	87
55) Dibenzofuran	14.983	168	228800	4.910	ng		98
56) 4-Nitrophenol	14.783	139	18665m	2.888	ng		
57) 2,4-Dinitrotoluene	14.936	165	47623	4.434	ng		95
58) Fluorene	15.630	166	186352	4.926	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	45828	4.465	ng		99
60) Diethylphthalate	15.401	149	197388	4.967	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	94821	4.909	ng		98
62) 4-Nitroaniline	15.636	138	27354m	3.567	ng		
63) Azobenzene	15.913	77	181571	4.738	ng		99
65) 4,6-Dinitro-2-methylph...	15.701	198	21615	3.119	ng		95
66) n-Nitrosodiphenylamine	15.836	169	158958	4.694	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	56815	4.637	ng		95
68) Hexachlorobenzene	16.636	284	67900	4.968	ng		99
69) Atrazine	16.777	200	46221	4.141	ng		96
70) Pentachlorophenol	16.977	266	34032	3.894	ng		98
71) Phenanthrene	17.365	178	298580	5.002	ng		99
72) Anthracene	17.454	178	292024	5.026	ng		99
73) Carbazole	17.724	167	231512	4.273	ng		99
74) Di-n-butylphthalate	18.295	149	312631	4.641	ng		98
75) Fluoranthene	19.377	202	323394	4.833	ng		98
77) Benzidine	19.559	184	68719m	4.383	ng		
78) Pyrene	19.736	202	352585	4.678	ng		99
80) Butylbenzylphthalate	20.630	149	131721	4.132	ng		96
81) Benzo(a)anthracene	21.477	228	326100	4.830	ng		99
82) 3,3'-Dichlorobenzidine	21.412	252	81006m	3.592	ng		
83) Chrysene	21.530	228	331994	4.815	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	208028	4.419	ng		99
85) Di-n-octyl phthalate	22.336	149	330783	4.427	ng		98
87) Indeno(1,2,3-cd)pyrene	26.430	276	265637	3.944	ng		97
88) Benzo(b)fluoranthene	23.171	252	292838	4.678	ng		99
89) Benzo(k)fluoranthene	23.218	252	338366	5.102	ng		99
90) Benzo(a)pyrene	23.800	252	274214	5.167	ng		99
91) Dibenzo(a,h)anthracene	26.447	278	225615	4.132	ng		97
92) Benzo(g,h,i)perylene	27.194	276	245636	4.346	ng		99

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

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