Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033772.D
Acq On : 18 Jan 2022 20:03
Operator : CG/JU
Sample : IDOC-03-HM
Misc : IDOC-WATER-03
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 19 04:22:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
IDOC-03-HM

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2022
Supervised By :Jagrut Upadhyay 01/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	187671	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	838016	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	548773	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1101739	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1024403	20.000	ng		0.00
86) Perylene-d12	23.894	264	1021129	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1682899	150.678	ng		0.00
7) Phenol-d6	7.113	99	2159052	137.215	ng		0.00
23) Nitrobenzene-d5	9.119	82	1463299	85.931	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	900798	121.074	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3274515	83.946	ng		0.00
79) Terphenyl-d14	19.936	244	4942952	80.017	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	158014	36.208	ng	#	92
3) Pyridine	3.749	79	426569	33.845	ng		92
4) n-Nitrosodimethylamine	3.649	42	280892	47.515	ng	#	67
6) Aniline	7.272	93	906990	49.657	ng		95
8) 2-Chlorophenol	7.513	128	666598	51.518	ng		90
9) Benzaldehyde	7.078	77	377908	47.243	ng		91
10) Phenol	7.142	94	844084	53.489	ng		90
11) bis(2-Chloroethyl)ether	7.366	93	614249	48.397	ng		94
12) 1,3-Dichlorobenzene	7.842	146	678526	47.408	ng		95
13) 1,4-Dichlorobenzene	7.984	146	695782	47.252	ng		94
14) 1,2-Dichlorobenzene	8.307	146	673926	46.933	ng		98
15) Benzyl Alcohol	8.189	79	641400	48.206	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.484	45	893427	50.863	ng		98
17) 2-Methylphenol	8.395	107	579944	50.590	ng		93
18) Hexachloroethane	9.042	117	262509	48.212	ng		96
19) n-Nitroso-di-n-propyla...	8.766	70	511380	45.363	ng		91
20) 3+4-Methylphenols	8.731	107	786842	49.125	ng		94
22) Acetophenone	8.778	105	1031193	46.606	ng	#	93
24) Nitrobenzene	9.160	77	762255	47.572	ng	#	90
25) Isophorone	9.695	82	1366832	45.576	ng		98
26) 2-Nitrophenol	9.872	139	362531	46.839	ng	#	85
27) 2,4-Dimethylphenol	9.936	122	644462	54.530	ng		94
28) bis(2-Chloroethoxy)met...	10.172	93	849766	44.471	ng		98
29) 2,4-Dichlorophenol	10.413	162	643308	47.607	ng		98
30) 1,2,4-Trichlorobenzene	10.630	180	652187	44.606	ng		99
31) Naphthalene	10.819	128	2065700	45.664	ng		100
32) Benzoic acid	10.095	122	462444	48.759	ng	#	85
33) 4-Chloroaniline	10.919	127	472224	25.086	ng		94
34) Hexachlorobutadiene	11.113	225	416648	43.485	ng		97
35) Caprolactam	11.719	113	213402m	44.347	ng		
36) 4-Chloro-3-methylphenol	12.048	107	766321	46.044	ng		98
37) 2-Methylnaphthalene	12.424	142	1497816	46.218	ng		99
38) 1-Methylnaphthalene	12.642	142	1384988	43.781	ng		97
40) 1,2,4,5-Tetrachloroben...	12.795	216	743140	46.798	ng		99
41) Hexachlorocyclopentadiene	12.777	237	1090679	111.594	ng		98
43) 2,4,6-Trichlorophenol	13.030	196	518492	45.728	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	566124	46.364	ng		96
46) 1,1'-Biphenyl	13.430	154	1955954	47.095	ng		99
47) 2-Chloronaphthalene	13.471	162	1451128	45.789	ng		99
48) 2-Nitroaniline	13.666	65	498713	48.116	ng	#	86
49) Acenaphthylene	14.313	152	2377956	46.568	ng		99
50) Dimethylphthalate	14.048	163	1933731	44.724	ng		99
51) 2,6-Dinitrotoluene	14.160	165	419344	48.064	ng		90
52) Acenaphthene	14.654	154	1735114m	50.831	ng		
53) 3-Nitroaniline	14.489	138	278916	29.232	ng		88
54) 2,4-Dinitrophenol	14.695	184	477132	90.345	ng	#	88
55) Dibenzofuran	14.989	168	2250966	44.130	ng		99
56) 4-Nitrophenol	14.801	139	756638	96.638	ng	#	86
57) 2,4-Dinitrotoluene	14.948	165	590525	48.648	ng	#	80
58) Fluorene	15.630	166	1787374	44.459	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	486963	43.732	ng		99
60) Diethylphthalate	15.407	149	2029706	44.771	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	903946	43.008	ng		96
62) 4-Nitroaniline	15.648	138	445107	44.418	ng		90
63) Azobenzene	15.918	77	1909529	45.811	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	309139	42.840	ng		83
66) n-Nitrosodiphenylamine	15.836	169	1612241	47.020	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	556574	44.463	ng		97
68) Hexachlorobenzene	16.636	284	624614	45.709	ng		98
69) Atrazine	16.789	200	602317	46.893	ng		100
70) Pentachlorophenol	16.977	266	849755	96.754	ng		98
71) Phenanthrene	17.365	178	2844991	46.386	ng		98
72) Anthracene	17.459	178	2935170	48.659	ng		99
73) Carbazole	17.724	167	2664919	45.266	ng		100
74) Di-n-butylphthalate	18.289	149	3494051	47.089	ng		99
75) Fluoranthene	19.377	202	3245524	47.258	ng		100
77) Benzidine	19.553	184	1786631	68.742	ng		100
78) Pyrene	19.736	202	3300735	43.613	ng		98
80) Butylbenzylphthalate	20.630	149	1569842	45.052	ng		92
81) Benzo(a)anthracene	21.477	228	3125713	46.101	ng		98
82) 3,3'-Dichlorobenzidine	21.406	252	823309	33.957	ng		98
83) Chrysene	21.530	228	3053957	47.156	ng		100
84) Bis(2-ethylhexyl)phtha...	21.406	149	2340682	46.488	ng		99
85) Di-n-octyl phthalate	22.330	149	4171516	51.560	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.418	276	3190397	46.995	ng		98
88) Benzo(b)fluoranthene	23.165	252	3305653	50.711	ng		99
89) Benzo(k)fluoranthene	23.212	252	3091753	47.360	ng		99
90) Benzo(a)pyrene	23.788	252	3067104	57.560	ng		99
91) Dibenzo(a,h)anthracene	26.435	278	2775972	48.406	ng		97
92) Benzo(g,h,i)perylene	27.188	276	2572656	47.143	ng		97

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

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