Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033771.D
Acq On : 18 Jan 2022 19:33
Operator : CG/JU
Sample : IDOC-02-HM
Misc : IDOC-WATER-02
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-02-HM

Manual Integrations APPROVED

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

Quant Time: Jan 19 04:21:51 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	192892	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	850454	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	552730	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1087548	20.000	ng		0.00
76) Chrysene-d12	21.489	240	894311	20.000	ng		0.00
86) Perylene-d12	23.894	264	812996	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1698010	147.916	ng		0.00
7) Phenol-d6	7.113	99	2204063	136.284	ng		0.00
23) Nitrobenzene-d5	9.119	82	1482971	85.813	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	889717	118.729	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3305894	84.143	ng		0.00
79) Terphenyl-d14	19.936	244	4696027	87.078	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	163847	36.528	ng	#	92
3) Pyridine	3.749	79	442912	34.191	ng		93
4) n-Nitrosodimethylamine	3.654	42	287535	47.323	ng	#	68
6) Aniline	7.272	93	920898	49.054	ng		96
8) 2-Chlorophenol	7.513	128	675313	50.779	ng		91
9) Benzaldehyde	7.078	77	384355	46.647	ng		90
10) Phenol	7.142	94	842838	51.965	ng		91
11) bis(2-Chloroethyl)ether	7.366	93	631415	48.403	ng		94
12) 1,3-Dichlorobenzene	7.842	146	692228	47.056	ng		96
13) 1,4-Dichlorobenzene	7.989	146	715362	47.266	ng		96
14) 1,2-Dichlorobenzene	8.307	146	689050	46.687	ng		98
15) Benzyl Alcohol	8.195	79	650669	47.579	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.489	45	910631	50.439	ng		97
17) 2-Methylphenol	8.401	107	582044	49.399	ng		94
18) Hexachloroethane	9.042	117	270212	48.284	ng		97
19) n-Nitroso-di-n-propyla...	8.772	70	520315	44.907	ng	#	90
20) 3+4-Methylphenols	8.731	107	791515	48.079	ng		94
22) Acetophenone	8.778	105	1044394	46.512	ng	#	93
24) Nitrobenzene	9.160	77	779883	47.961	ng		91
25) Isophorone	9.695	82	1384683	45.496	ng		97
26) 2-Nitrophenol	9.872	139	369018	46.980	ng	#	85
27) 2,4-Dimethylphenol	9.936	122	655452	54.649	ng		95
28) bis(2-Chloroethoxy)met...	10.172	93	868515	44.788	ng		98
29) 2,4-Dichlorophenol	10.413	162	655467	47.797	ng		99
30) 1,2,4-Trichlorobenzene	10.631	180	661670	44.592	ng		98
31) Naphthalene	10.819	128	2097931	45.698	ng		99
32) Benzoic acid	10.095	122	457830	47.566	ng	#	86
33) 4-Chloroaniline	10.919	127	454446	23.788	ng		93
34) Hexachlorobutadiene	11.113	225	423599	43.564	ng		97
35) Caprolactam	11.719	113	209786m	42.958	ng		
36) 4-Chloro-3-methylphenol	12.048	107	772708	45.748	ng		99
37) 2-Methylnaphthalene	12.425	142	1515613	46.083	ng		98
38) 1-Methylnaphthalene	12.642	142	1403419	43.715	ng		99
40) 1,2,4,5-Tetrachloroben...	12.795	216	756548	47.301	ng		99
41) Hexachlorocyclopentadiene	12.777	237	1118553	113.626	ng		99
43) 2,4,6-Trichlorophenol	13.030	196	518319	45.385	ng		96

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44) 2,4,5-Trichlorophenol	13.101	196	569277	46.289	ng		97
46) 1,1'-Biphenyl	13.430	154	1977070	47.262	ng		99
47) 2-Chloronaphthalene	13.471	162	1468241	45.997	ng		99
48) 2-Nitroaniline	13.666	65	494416	47.360	ng	#	85
49) Acenaphthylene	14.313	152	2379216	46.259	ng		98
50) Dimethylphthalate	14.048	163	1913713	43.944	ng		99
51) 2,6-Dinitrotoluene	14.160	165	415681	47.303	ng		91
52) Acenaphthene	14.654	154	1724571m	50.160	ng		
53) 3-Nitroaniline	14.489	138	266866	27.769	ng		90
54) 2,4-Dinitrophenol	14.695	184	466766	87.750	ng	#	89
55) Dibenzofuran	14.989	168	2240810	43.617	ng		99
56) 4-Nitrophenol	14.801	139	735719	93.294	ng	#	82
57) 2,4-Dinitrotoluene	14.942	165	582302	47.627	ng		86
58) Fluorene	15.630	166	1783460	44.044	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.213	232	482379	43.010	ng		99
60) Diethylphthalate	15.407	149	2007720	43.969	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	904794	42.740	ng		96
62) 4-Nitroaniline	15.648	138	428729	42.478	ng		89
63) Azobenzene	15.918	77	1914210	45.595	ng		93
65) 4,6-Dinitro-2-methylph...	15.707	198	296094	41.567	ng		86
66) n-Nitrosodiphenylamine	15.836	169	1588010	46.918	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	556978	45.076	ng		99
68) Hexachlorobenzene	16.636	284	617082	45.747	ng		98
69) Atrazine	16.789	200	588891	46.446	ng		99
70) Pentachlorophenol	16.977	266	821673	94.778	ng		99
71) Phenanthrene	17.365	178	2790012	46.083	ng		99
72) Anthracene	17.459	178	2872271	48.238	ng		99
73) Carbazole	17.724	167	2538317	43.679	ng		99
74) Di-n-butylphthalate	18.289	149	3389582	46.277	ng		99
75) Fluoranthene	19.377	202	3094723	45.650	ng		100
77) Benzidine	19.553	184	1585162	69.862	ng		99
78) Pyrene	19.736	202	3129073	47.359	ng		99
80) Butylbenzylphthalate	20.624	149	1435227	47.180	ng		95
81) Benzo(a)anthracene	21.471	228	2754412	46.534	ng		99
82) 3,3'-Dichlorobenzidine	21.400	252	684914	32.358	ng		98
83) Chrysene	21.524	228	2700469	47.763	ng		100
84) Bis(2-ethylhexyl)phtha...	21.400	149	2126984	48.388	ng		100
85) Di-n-octyl phthalate	22.330	149	3526133	49.923	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.412	276	2677031	49.528	ng		98
88) Benzo(b)fluoranthene	23.159	252	2567225	49.465	ng		97
89) Benzo(k)fluoranthene	23.206	252	2500216	48.103	ng		99
90) Benzo(a)pyrene	23.788	252	2410808	56.826	ng		99
91) Dibenzo(a,h)anthracene	26.429	278	2323588	50.890	ng		96
92) Benzo(g,h,i)perylene	27.182	276	2236387	51.473	ng		96

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

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