Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033770.D
Acq On : 18 Jan 2022 18:58
Operator : CG/JU
Sample : IDOC-01-HM
Misc : IDOC-WATER-01
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-01-HM

Manual Integrations APPROVED

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

Quant Time: Jan 19 04:21:30 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	186506	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	802105	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	518673	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1006362	20.000	ng		0.00
76) Chrysene-d12	21.489	240	725310	20.000	ng		0.00
86) Perylene-d12	23.889	264	624655	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	1299379	117.067	ng		0.00
7) Phenol-d6	7.113	99	1929394	123.386	ng		0.00
23) Nitrobenzene-d5	9.119	82	1251847	76.805	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	878421	124.918	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3169582	85.971	ng		0.00
79) Terphenyl-d14	19.936	244	4348949	99.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	103936	23.965	ng	#	91
3) Pyridine	3.749	79	310516	24.791	ng		94
4) n-Nitrosodimethylamine	3.655	42	187895	31.983	ng	#	65
6) Aniline	7.272	93	733427	40.405	ng		97
8) 2-Chlorophenol	7.513	128	549275	42.716	ng		91
9) Benzaldehyde	7.078	77	242391	27.049	ng		90
10) Phenol	7.143	94	740386	47.211	ng		91
11) bis(2-Chloroethyl)ether	7.366	93	467154	37.038	ng		93
12) 1,3-Dichlorobenzene	7.843	146	463652	32.597	ng		96
13) 1,4-Dichlorobenzene	7.990	146	483131	33.015	ng		97
14) 1,2-Dichlorobenzene	8.307	146	487769	34.181	ng		97
15) Benzyl Alcohol	8.190	79	579292	43.810	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.484	45	697513	39.958	ng		98
17) 2-Methylphenol	8.401	107	522343	45.850	ng		92
18) Hexachloroethane	9.042	117	181003	33.451	ng		97
19) n-Nitroso-di-n-propyla...	8.766	70	463662	41.387	ng	#	91
20) 3+4-Methylphenols	8.731	107	740148	46.498	ng		94
22) Acetophenone	8.778	105	885384	41.808	ng	#	93
24) Nitrobenzene	9.160	77	654774	42.694	ng		91
25) Isophorone	9.695	82	1280970	44.625	ng		97
26) 2-Nitrophenol	9.872	139	314849	42.500	ng	#	85
27) 2,4-Dimethylphenol	9.937	122	617590	54.596	ng		96
28) bis(2-Chloroethoxy)met...	10.172	93	775465	42.400	ng		98
29) 2,4-Dichlorophenol	10.413	162	624941	48.318	ng		99
30) 1,2,4-Trichlorobenzene	10.631	180	542751	38.783	ng		99
31) Naphthalene	10.819	128	1789682	41.334	ng		99
32) Benzoic acid	10.095	122	437173	48.158	ng		89
33) 4-Chloroaniline	10.919	127	309045	17.152	ng		93
34) Hexachlorobutadiene	11.113	225	325784	35.524	ng		98
35) Caprolactam	11.719	113	207801m	45.116	ng		
36) 4-Chloro-3-methylphenol	12.048	107	761336	47.792	ng		100
37) 2-Methylnaphthalene	12.425	142	1393482	44.924	ng		99
38) 1-Methylnaphthalene	12.642	142	1306779	43.158	ng		100
40) 1,2,4,5-Tetrachloroben...	12.795	216	697798	46.493	ng		99
41) Hexachlorocyclopentadiene	12.778	237	994146	107.620	ng		98
43) 2,4,6-Trichlorophenol	13.030	196	510509	47.636	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	560635	48.579	ng		97
46) 1,1'-Biphenyl	13.430	154	1882189	47.948	ng		98
47) 2-Chloronaphthalene	13.472	162	1401135	46.777	ng		99
48) 2-Nitroaniline	13.666	65	484239	49.431	ng	#	85
49) Acenaphthylene	14.313	152	2314459	47.954	ng		99
50) Dimethylphthalate	14.048	163	1895538	46.385	ng		99
51) 2,6-Dinitrotoluene	14.160	165	408535	49.542	ng		92
52) Acenaphthene	14.654	154	1687353m	52.300	ng		
53) 3-Nitroaniline	14.483	138	205572	22.796	ng		90
54) 2,4-Dinitrophenol	14.695	184	445923	89.336	ng	#	88
55) Dibenzofuran	14.989	168	2192988	45.489	ng		98
56) 4-Nitrophenol	14.801	139	697430	94.245	ng	#	84
57) 2,4-Dinitrotoluene	14.948	165	569139	49.607	ng	#	82
58) Fluorene	15.630	166	1755293	46.194	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	478419	45.458	ng		99
60) Diethylphthalate	15.407	149	1983312	46.287	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	903600	45.486	ng		95
62) 4-Nitroaniline	15.648	138	401864	42.430	ng		90
63) Azobenzene	15.919	77	1883562	47.811	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	285744	43.350	ng		86
66) n-Nitrosodiphenylamine	15.836	169	1572174	50.197	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	548721	47.990	ng		98
68) Hexachlorobenzene	16.636	284	605146	48.481	ng		98
69) Atrazine	16.789	200	575076	49.016	ng		99
70) Pentachlorophenol	16.977	266	780348	97.272	ng		98
71) Phenanthrene	17.365	178	2720601	48.562	ng		98
72) Anthracene	17.460	178	2791905	50.671	ng		99
73) Carbazole	17.724	167	2446601	45.497	ng		100
74) Di-n-butylphthalate	18.289	149	3280328	48.399	ng		100
75) Fluoranthene	19.377	202	2893998	46.133	ng		100
77) Benzidine	19.548	184	1080405	58.711	ng		100
78) Pyrene	19.736	202	2931897	54.714	ng		99
80) Butylbenzylphthalate	20.624	149	1262906	51.189	ng		96
81) Benzo(a)anthracene	21.471	228	2363519	49.234	ng		99
82) 3,3'-Dichlorobenzidine	21.401	252	514253	29.957	ng		99
83) Chrysene	21.524	228	2287894	49.895	ng		100
84) Bis(2-ethylhexyl)phtha...	21.401	149	1842495	51.683	ng		99
85) Di-n-octyl phthalate	22.324	149	2905031	50.713	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.412	276	2324790	55.979	ng		98
88) Benzo(b)fluoranthene	23.159	252	2119770	53.159	ng		99
89) Benzo(k)fluoranthene	23.206	252	2025765	50.726	ng		100
90) Benzo(a)pyrene	23.783	252	1980407	60.755	ng		99
91) Dibenzo(a,h)anthracene	26.424	278	2007330	57.219	ng	#	95
92) Benzo(g,h,i)perylene	27.182	276	1958777	58.677	ng	#	96

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

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