Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033773.D
Acq On : 18 Jan 2022 20:44
Operator : CG/JU
Sample : IDOC-04-HM
Misc : IDOC-WATER-04
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-04-HM

Manual Integrations APPROVED

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

Quant Time: Jan 19 04:22:29 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	7.948	152	203996	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	888628	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	569052	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1106432	20.000	ng		0.00
76) Chrysene-d12	21.489	240	829901	20.000	ng		0.00
86) Perylene-d12	23.888	264	698440	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1367031	112.602	ng		0.00
7) Phenol-d6	7.113	99	2012538	117.668	ng		0.00
23) Nitrobenzene-d5	9.119	82	1300671	72.031	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	892824	115.726	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3268266	80.800	ng		0.00
79) Terphenyl-d14	19.936	244	4561144	91.141	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	106003	22.346	ng		93
3) Pyridine	3.749	79	330558	24.129	ng		92
4) n-Nitrosodimethylamine	3.654	42	198711	30.924	ng	#	64
6) Aniline	7.272	93	750966	37.824	ng		95
8) 2-Chlorophenol	7.513	128	574691	40.861	ng		90
9) Benzaldehyde	7.078	77	258271	26.099	ng		90
10) Phenol	7.142	94	772438	45.032	ng		90
11) bis(2-Chloroethyl)ether	7.366	93	488355	35.399	ng		94
12) 1,3-Dichlorobenzene	7.842	146	487670	31.346	ng		96
13) 1,4-Dichlorobenzene	7.984	146	507972	31.736	ng		96
14) 1,2-Dichlorobenzene	8.307	146	508607	32.585	ng		99
15) Benzyl Alcohol	8.189	79	599013	41.418	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.484	45	729585	38.211	ng		97
17) 2-Methylphenol	8.395	107	546487	43.856	ng		95
18) Hexachloroethane	9.042	117	189622	32.039	ng		95
19) n-Nitroso-di-n-propyla...	8.766	70	480812	39.239	ng		90
20) 3+4-Methylphenols	8.731	107	766528	44.027	ng		94
22) Acetophenone	8.778	105	923662	39.369	ng	#	93
24) Nitrobenzene	9.160	77	678734	39.947	ng		91
25) Isophorone	9.695	82	1325779	41.689	ng		97
26) 2-Nitrophenol	9.872	139	330142	40.225	ng	#	86
27) 2,4-Dimethylphenol	9.936	122	639084	50.995	ng		96
28) bis(2-Chloroethoxy)met...	10.172	93	801881	39.575	ng		98
29) 2,4-Dichlorophenol	10.413	162	644242	44.961	ng		99
30) 1,2,4-Trichlorobenzene	10.630	180	569864	36.756	ng		99
31) Naphthalene	10.819	128	1858372	38.741	ng		100
32) Benzoic acid	10.095	122	466199	46.355	ng		86
33) 4-Chloroaniline	10.919	127	318645	15.963	ng	#	92
34) Hexachlorobutadiene	11.113	225	341670	33.629	ng		99
35) Caprolactam	11.719	113	211392m	41.427	ng		
36) 4-Chloro-3-methylphenol	12.048	107	785444	44.505	ng		99
37) 2-Methylnaphthalene	12.424	142	1442583	41.979	ng		99
38) 1-Methylnaphthalene	12.642	142	1341997	40.006	ng		98
40) 1,2,4,5-Tetrachloroben...	12.795	216	728032	44.213	ng		99
41) Hexachlorocyclopentadiene	12.777	237	1020757	100.718	ng		98
43) 2,4,6-Trichlorophenol	13.030	196	526576	44.786	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.101	196	577038	45.574	ng		95
46)	1,1'-Biphenyl	13.430	154	1945051	45.163	ng		99
47)	2-Chloronaphthalene	13.471	162	1449832	44.118	ng		99
48)	2-Nitroaniline	13.666	65	500267	46.546	ng	#	86
49)	Acenaphthylene	14.313	152	2382988	45.003	ng		99
50)	Dimethylphthalate	14.048	163	1942760	43.331	ng		99
51)	2,6-Dinitrotoluene	14.160	165	422045	46.649	ng		91
52)	Acenaphthene	14.654	154	1725847m	48.758	ng		
53)	3-Nitroaniline	14.483	138	214788	21.709	ng		92
54)	2,4-Dinitrophenol	14.695	184	460883	84.158	ng	#	88
55)	Dibenzofuran	14.983	168	2270911	42.935	ng		97
56)	4-Nitrophenol	14.801	139	725898	89.408	ng	#	82
57)	2,4-Dinitrotoluene	14.948	165	593749	47.170	ng	#	82
58)	Fluorene	15.630	166	1792349	42.994	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.213	232	490067	42.443	ng		99
60)	Diethylphthalate	15.407	149	2047941	43.564	ng		99
61)	4-Chlorophenyl-phenyle...	15.624	204	920266	42.224	ng		98
62)	4-Nitroaniline	15.648	138	417525	40.181	ng		90
63)	Azobenzene	15.918	77	1944750	44.994	ng		93
65)	4,6-Dinitro-2-methylph...	15.707	198	293307	40.473	ng		85
66)	n-Nitrosodiphenylamine	15.836	169	1599469	46.450	ng		98
67)	4-Bromophenyl-phenylether	16.518	248	560073	44.552	ng		99
68)	Hexachlorobenzene	16.636	284	625075	45.549	ng		96
69)	Atrazine	16.789	200	594327	46.075	ng		99
70)	Pentachlorophenol	16.977	266	802703	91.009	ng		98
71)	Phenanthrene	17.365	178	2797366	45.416	ng		99
72)	Anthracene	17.459	178	2880818	47.556	ng		99
73)	Carbazole	17.724	167	2529489	42.784	ng		100
74)	Di-n-butylphthalate	18.289	149	3378442	45.338	ng		100
75)	Fluoranthene	19.371	202	3025932	43.873	ng		99
77)	Benzidine	19.548	184	1134047	53.860	ng		100
78)	Pyrene	19.736	202	3051917	49.776	ng		99
80)	Butylbenzylphthalate	20.624	149	1368034	48.462	ng		95
81)	Benzo(a)anthracene	21.471	228	2519466	45.868	ng		98
82)	3,3'-Dichlorobenzidine	21.400	252	547297	27.864	ng		99
83)	Chrysene	21.524	228	2460366	46.894	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.400	149	1988142	48.740	ng		100
85)	Di-n-octyl phthalate	22.324	149	3136038	47.846	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.406	276	2362149	50.870	ng		98
88)	Benzo(b)fluoranthene	23.159	252	2263942	50.776	ng		99
89)	Benzo(k)fluoranthene	23.206	252	2126998	47.635	ng		99
90)	Benzo(a)pyrene	23.783	252	2079439	57.054	ng		98
91)	Dibenzo(a,h)anthracene	26.424	278	2036541	51.919	ng		97
92)	Benzo(g,h,i)perylene	27.176	276	1972131	52.836	ng	#	96

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

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