Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
Data File : BM038509.D
Acq On : 23 Jan 2023 14:36
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER 5ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 05:12:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 01:21:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	71507	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	239402	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	156885	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	370169	20.000	ng		# 0.00
76) Chrysene-d12	21.521	240	415554	20.000	ng		# 0.00
86) Perylene-d12	23.933	264	523818	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	470942	108.874	ng		0.00
7) Phenol-d6	7.122	99	601518	108.992	ng		-0.01
23) Nitrobenzene-d5	9.134	82	392159	71.134	ng		-0.01
42) 2,4,6-Tribromophenol	16.086	330	287949	127.457	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	910380	71.481	ng		0.00
79) Terphenyl-d14	19.956	244	1496014	70.183	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	9393	4.630	ng		98
3) Pyridine	3.804	79	20846m	3.912	ng		
4) n-Nitrosodimethylamine	3.704	42	12294	4.860	ng	#	98
6) Aniline	7.292	93	33011	4.819	ng		97
8) 2-Chlorophenol	7.522	128	22654	5.127	ng		95
9) Benzaldehyde	7.104	77	20505m	6.264	ng		
10) Phenol	7.151	94	28480	5.164	ng		89
11) bis(2-Chloroethyl)ether	7.387	93	22290	5.123	ng		97
12) 1,3-Dichlorobenzene	7.845	146	26267	5.229	ng		96
13) 1,4-Dichlorobenzene	7.998	146	28047	5.526	ng		96
14) 1,2-Dichlorobenzene	8.316	146	26367	5.363	ng		98
15) Benzyl Alcohol	8.210	79	20220	4.900	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.498	45	23362	5.113	ng		98
17) 2-Methylphenol	8.410	107	16424	4.208	ng		95
18) Hexachloroethane	9.039	117	10054	5.328	ng		95
19) n-Nitroso-di-n-propyla...	8.769	70	18039	4.634	ng		95
20) 3+4-Methylphenols	8.739	107	22058	4.217	ng		97
22) Acetophenone	8.798	105	31030	4.705	ng	#	99
24) Nitrobenzene	9.175	77	30734	5.510	ng		93
25) Isophorone	9.698	82	44340	4.874	ng		95
26) 2-Nitrophenol	9.892	139	10128	4.574	ng		94
27) 2,4-Dimethylphenol	9.945	122	12599	3.419	ng		96
28) bis(2-Chloroethoxy)met...	10.186	93	26047	4.894	ng		97
29) 2,4-Dichlorophenol	10.422	162	20759	4.802	ng		93
30) 1,2,4-Trichlorobenzene	10.633	180	25781	5.215	ng		99
31) Naphthalene	10.822	128	63703	4.898	ng		98
32) Benzoic acid	10.022	122	8154m	8.086	ng		
33) 4-Chloroaniline	10.945	127	24769	4.563	ng		98
34) Hexachlorobutadiene	11.098	225	18267	5.617	ng		96
35) Caprolactam	11.727	113	3459	3.300	ng	#	75
36) 4-Chloro-3-methylphenol	12.063	107	18757	4.771	ng		94
37) 2-Methylnaphthalene	12.427	142	42830	4.582	ng		95
38) 1-Methylnaphthalene	12.645	142	41953	4.759	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	26591	4.506	ng		98
41) Hexachlorocyclopentadiene	12.769	237	13024	4.015	ng		93
43) 2,4,6-Trichlorophenol	13.039	196	17752	4.699	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.110	196	19355	4.374	ng		100
46)	1,1'-Biphenyl	13.433	154	55264	4.398	ng		100
47)	2-Chloronaphthalene	13.480	162	49278	5.024	ng		98
48)	2-Nitroaniline	13.692	65	10950	3.802	ng		97
49)	Acenaphthylene	14.321	152	68952	4.493	ng		100
50)	Dimethylphthalate	14.057	163	57523	4.763	ng		97
51)	2,6-Dinitrotoluene	14.186	165	10911	4.293	ng		94
52)	Acenaphthene	14.663	154	43803	4.680	ng		98
53)	3-Nitroaniline	14.516	138	9263	3.668	ng		86
54)	2,4-Dinitrophenol	14.727	184	5960	7.682	ng		99
55)	Dibenzofuran	14.998	168	75741	4.841	ng		95
56)	4-Nitrophenol	14.821	139	7652m	3.679	ng		
57)	2,4-Dinitrotoluene	14.974	165	13888	4.031	ng		96
58)	Fluorene	15.645	166	59102	4.658	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.227	232	17489	4.836	ng	#	96
60)	Diethylphthalate	15.415	149	55514	4.694	ng		98
61)	4-Chlorophenyl-phenyle...	15.639	204	32077	4.815	ng		98
62)	4-Nitroaniline	15.680	138	9321	6.379	ng		90
63)	Azobenzene	15.927	77	54737	4.368	ng		98
65)	4,6-Dinitro-2-methylph...	15.727	198	8759	3.645	ng		97
66)	n-Nitrosodiphenylamine	15.851	169	49717	4.474	ng		98
67)	4-Bromophenyl-phenylether	16.527	248	19343	4.711	ng		97
68)	Hexachlorobenzene	16.645	284	24355	5.497	ng		98
69)	Atrazine	16.798	200	15533	4.190	ng		96
70)	Pentachlorophenol	16.992	266	12674	4.017	ng		94
71)	Phenanthrene	17.386	178	97343	4.709	ng		100
72)	Anthracene	17.474	178	92798	4.412	ng		99
73)	Carbazole	17.751	167	82850	4.473	ng		98
74)	Di-n-butylphthalate	18.298	149	85593	4.206	ng		100
75)	Fluoranthene	19.398	202	116978	4.708	ng		97
77)	Benzidine	19.586	184	32451	3.427	ng		96
78)	Pyrene	19.756	202	129159	4.464	ng		98
80)	Butylbenzylphthalate	20.645	149	37754	3.773	ng		95
81)	Benzo(a)anthracene	21.503	228	143169	4.862	ng		98
82)	3,3'-Dichlorobenzidine	21.439	252	43179	4.565	ng	#	97
83)	Chrysene	21.556	228	140436	4.877	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.415	149	56532	3.899	ng	#	99
85)	Di-n-octyl phthalate	22.344	149	100295	3.890	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	26.450	276	189996	4.902	ng		97
88)	Benzo(b)fluoranthene	23.191	252	158386	5.012	ng		98
89)	Benzo(k)fluoranthene	23.244	252	166328	5.087	ng	#	98
90)	Benzo(a)pyrene	23.827	252	142582	4.551	ng		98
91)	Dibenzo(a,h)anthracene	26.462	278	161779	5.014	ng		99
92)	Benzo(g,h,i)perylene	27.221	276	171979	5.204	ng		96

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

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