Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043987.D
Acq On : 06 Feb 2024 12:14
Operator : MA/JU
Sample : 03572-08
Misc : LOQ-WATER-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 03:05:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	251206	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1158576	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	737180	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1644540	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1705091	20.000	ng	0.00
86) Perylene-d12	23.927	264	2028831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1923097	113.051	ng	0.00
7) Phenol-d6	7.087	99	2616769	104.113	ng	0.00
23) Nitrobenzene-d5	9.092	82	2191056	91.164	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	948162	105.514	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4898439	91.305	ng	0.00
79) Terphenyl-d14	19.962	244	8664254	98.092	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	37133	5.648	ng	# 92
3) Pyridine	3.799	79	95514	4.774	ng	# 92
4) n-Nitrosodimethylamine	3.722	42	43142	5.016	ng	# 97
6) Aniline	7.251	93	139503	5.578	ng	97
8) 2-Chlorophenol	7.481	128	86653	4.588	ng	99
9) Benzaldehyde	7.069	77	94092	3.803	ng	97
10) Phenol	7.110	94	122932	4.919	ng	91
11) bis(2-Chloroethyl)ether	7.357	93	101131	5.163	ng	98
12) 1,3-Dichlorobenzene	7.804	146	102401	5.022	ng	97
13) 1,4-Dichlorobenzene	7.957	146	105568	5.119	ng	99
14) 1,2-Dichlorobenzene	8.269	146	100673	4.950	ng	96
15) Benzyl Alcohol	8.169	79	84583m	4.910	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	143844m	5.476	ng	
17) 2-Methylphenol	8.363	107	71422	4.471	ng	96
18) Hexachloroethane	8.992	117	38580	4.985	ng	96
19) n-Nitroso-di-n-propyla...	8.733	70	80621	4.875	ng	98
20) 3+4-Methylphenols	8.692	107	99810	4.427	ng	97
22) Acetophenone	8.751	105	162943	5.191	ng	97
24) Nitrobenzene	9.133	77	124725	5.172	ng	100
25) Isophorone	9.657	82	206798	4.622	ng	99
26) 2-Nitrophenol	9.839	139	39296	4.032	ng	98
27) 2,4-Dimethylphenol	9.904	122	66920	5.001	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	140991	5.160	ng	97
29) 2,4-Dichlorophenol	10.375	162	74266	4.351	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	96419	5.001	ng	97
31) Naphthalene	10.775	128	317671	4.919	ng	99
32) Benzoic acid	9.957	122	33716	8.656	ng	95
33) 4-Chloroaniline	10.898	127	131998	4.973	ng	98
34) Hexachlorobutadiene	11.051	225	51016	4.852	ng	97
35) Caprolactam	11.663	113	26891	3.842	ng	92
36) 4-Chloro-3-methylphenol	12.016	107	87377	4.180	ng	99
37) 2-Methylnaphthalene	12.386	142	215738	4.791	ng	99
38) 1-Methylnaphthalene	12.610	142	213821	4.756	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	105387	5.041	ng	100
41) Hexachlorocyclopentadiene	12.727	237	39062	5.681	ng	94
43) 2,4,6-Trichlorophenol	12.998	196	57640	4.079	ng	95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	66263	4.111	ng		97
46) 1,1'-Biphenyl	13.404	154	293490	5.063	ng		99
47) 2-Chloronaphthalene	13.439	162	226936	4.909	ng		99
48) 2-Nitroaniline	13.651	65	61574	4.095	ng		92
49) Acenaphthylene	14.286	152	365788	5.176	ng		99
50) Dimethylphthalate	14.033	163	279379	4.879	ng		100
51) 2,6-Dinitrotoluene	14.151	165	53388	4.242	ng		90
52) Acenaphthene	14.627	154	217688	4.859	ng		100
53) 3-Nitroaniline	14.480	138	63688	4.359	ng		96
54) 2,4-Dinitrophenol	14.686	184	17276	9.428	ng		96
55) Dibenzofuran	14.963	168	356922	5.119	ng		99
56) 4-Nitrophenol	14.780	139	47802	3.743	ng		96
57) 2,4-Dinitrotoluene	14.933	165	65148	3.718	ng	#	89
58) Fluorene	15.615	166	283628	4.817	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	62770	4.517	ng		97
60) Diethylphthalate	15.398	149	278162	4.693	ng		98
61) 4-Chlorophenyl-phenyle...	15.615	204	134741	4.905	ng		99
62) 4-Nitroaniline	15.639	138	63760	3.991	ng		98
63) Azobenzene	15.910	77	278860	4.710	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	26150	8.441	ng		90
66) n-Nitrosodiphenylamine	15.833	169	239034	4.880	ng		100
67) 4-Bromophenyl-phenylether	16.515	248	69015	4.260	ng		95
68) Hexachlorobenzene	16.609	284	92191	4.773	ng		99
69) Atrazine	16.792	200	74700	5.512	ng		98
70) Pentachlorophenol	16.962	266	41843	3.299	ng		94
71) Phenanthrene	17.356	178	473139	5.165	ng		99
72) Anthracene	17.451	178	440703	4.914	ng		99
73) Carbazole	17.727	167	433843	4.671	ng		100
74) Di-n-butylphthalate	18.303	149	434838	4.269	ng		99
75) Fluoranthene	19.380	202	524450	4.630	ng		98
77) Benzidine	19.580	184	206134	9.528	ng		99
78) Pyrene	19.745	202	563494	4.808	ng		99
80) Butylbenzylphthalate	20.668	149	185110	3.988	ng		99
81) Benzo(a)anthracene	21.503	228	599966	5.015	ng		98
82) 3,3'-Dichlorobenzidine	21.444	252	185854	4.859	ng		99
83) Chrysene	21.556	228	573503	5.004	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	283459	4.107	ng		99
85) Di-n-octyl phthalate	22.397	149	453176	3.811	ng		99
87) Indeno(1,2,3-cd)pyrene	26.432	276	709692	4.675	ng		100
88) Benzo(b)fluoranthene	23.191	252	612817	4.802	ng		99
89) Benzo(k)fluoranthene	23.244	252	570261	4.658	ng		99
90) Benzo(a)pyrene	23.815	252	517999	4.592	ng		100
91) Dibenzo(a,h)anthracene	26.456	278	586590	4.685	ng		99
92) Benzo(g,h,i)perylene	27.191	276	576320	4.513	ng		98

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

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