Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043995.D
Acq On : 06 Feb 2024 17:03
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2024

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

Quant Time: Feb 07 03:09:58 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	338619	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1485940	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	926171	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	2029031	20.000	ng		0.00
76) Chrysene-d12	21.515	240	2223459	20.000	ng		0.00
86) Perylene-d12	23.927	264	2484688	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2641493	115.197	ng		0.00
7) Phenol-d6	7.087	99	3433546	101.345	ng		0.00
23) Nitrobenzene-d5	9.092	82	2774877	90.020	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1066891	94.499	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	6293330	93.368	ng		0.00
79) Terphenyl-d14	19.956	244	10915583	94.770	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	55650	6.280	ng		99
3) Pyridine	3.799	79	128610	4.769	ng		96
4) n-Nitrosodimethylamine	3.722	42	54004	4.658	ng	#	97
6) Aniline	7.251	93	180030	5.341	ng		98
8) 2-Chlorophenol	7.481	128	114148	4.484	ng		96
9) Benzaldehyde	7.069	77	118320	3.174	ng		98
10) Phenol	7.110	94	164531	4.884	ng		90
11) bis(2-Chloroethyl)ether	7.357	93	132312	5.011	ng		96
12) 1,3-Dichlorobenzene	7.804	146	137446	5.000	ng		97
13) 1,4-Dichlorobenzene	7.957	146	138524	4.983	ng		97
14) 1,2-Dichlorobenzene	8.269	146	134273	4.898	ng		97
15) Benzyl Alcohol	8.169	79	105157	4.528	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	186333m	5.263	ng		
17) 2-Methylphenol	8.369	107	94710	4.398	ng		98
18) Hexachloroethane	8.992	117	51780	4.964	ng		94
19) n-Nitroso-di-n-propyla...	8.734	70	101450	4.551	ng		100
20) 3+4-Methylphenols	8.692	107	127900	4.208	ng		98
22) Acetophenone	8.751	105	202022	5.018	ng		97
24) Nitrobenzene	9.134	77	158886	5.137	ng		99
25) Isophorone	9.657	82	255776	4.457	ng		99
26) 2-Nitrophenol	9.839	139	48409	3.873	ng		97
27) 2,4-Dimethylphenol	9.904	122	84930	4.948	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	179256	5.115	ng		99
29) 2,4-Dichlorophenol	10.369	162	95725	4.373	ng		97
30) 1,2,4-Trichlorobenzene	10.586	180	122519	4.955	ng		98
31) Naphthalene	10.775	128	406719	4.911	ng		99
32) Benzoic acid	9.963	122	42276m	8.612	ng		
33) 4-Chloroaniline	10.892	127	169240	4.971	ng		99
34) Hexachlorobutadiene	11.051	225	65515	4.858	ng		97
35) Caprolactam	11.657	113	30913	3.444	ng		98
36) 4-Chloro-3-methylphenol	12.010	107	114358	4.266	ng		98
37) 2-Methylnaphthalene	12.386	142	275428	4.769	ng		100
38) 1-Methylnaphthalene	12.604	142	275167	4.772	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	136901	5.212	ng		99
41) Hexachlorocyclopentadiene	12.722	237	45020	5.211	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	74335	4.187	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	85699	4.231	ng		98
46) 1,1'-Biphenyl	13.404	154	373903	5.134	ng		98
47) 2-Chloronaphthalene	13.439	162	286245	4.928	ng		99
48) 2-Nitroaniline	13.651	65	73044	3.867	ng		92
49) Acenaphthylene	14.286	152	449097	5.058	ng		99
50) Dimethylphthalate	14.033	163	358141	4.978	ng		99
51) 2,6-Dinitrotoluene	14.151	165	65218	4.124	ng		95
52) Acenaphthene	14.627	154	272941	4.849	ng		99
53) 3-Nitroaniline	14.480	138	71002	3.868	ng	#	97
54) 2,4-Dinitrophenol	14.680	184	20000	9.270	ng		99
55) Dibenzofuran	14.963	168	452645	5.168	ng		99
56) 4-Nitrophenol	14.780	139	52580	3.277	ng		97
57) 2,4-Dinitrotoluene	14.933	165	77352	3.514	ng		93
58) Fluorene	15.616	166	367362	4.966	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	76777	4.397	ng		97
60) Diethylphthalate	15.398	149	348099	4.674	ng		99
61) 4-Chlorophenyl-phenyle...	15.616	204	173177	5.018	ng		100
62) 4-Nitroaniline	15.639	138	71389	3.557	ng		100
63) Azobenzene	15.910	77	348969	4.691	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	32049	8.426	ng		89
66) n-Nitrosodiphenylamine	15.833	169	301535	4.989	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	64656	3.235	ng		94
68) Hexachlorobenzene	16.610	284	116573	4.891	ng		98
69) Atrazine	16.786	200	92920	5.557	ng		98
70) Pentachlorophenol	16.957	266	47961	3.065	ng		93
71) Phenanthrene	17.357	178	583796	5.166	ng		99
72) Anthracene	17.451	178	542988	4.908	ng		99
73) Carbazole	17.727	167	523506	4.569	ng		100
74) Di-n-butylphthalate	18.304	149	552439	4.396	ng		99
75) Fluoranthene	19.380	202	653298	4.674	ng		100
77) Benzidine	19.574	184	232151	8.229	ng		99
78) Pyrene	19.739	202	713343	4.667	ng		99
80) Butylbenzylphthalate	20.662	149	286068	4.727	ng		97
81) Benzo(a)anthracene	21.497	228	782349	5.015	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	242839	4.869	ng		99
83) Chrysene	21.550	228	739285	4.947	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	398162	4.424	ng		99
85) Di-n-octyl phthalate	22.397	149	614750	3.965	ng		99
87) Indeno(1,2,3-cd)pyrene	26.421	276	870481	4.682	ng		99
88) Benzo(b)fluoranthene	23.192	252	755945	4.837	ng		100
89) Benzo(k)fluoranthene	23.239	252	734549	4.899	ng		99
90) Benzo(a)pyrene	23.815	252	626847	4.537	ng		99
91) Dibenzo(a,h)anthracene	26.450	278	727927	4.747	ng		99
92) Benzo(g,h,i)perylene	27.191	276	706653	4.518	ng		100

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

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