Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019510.D
Acq On : 01 Feb 2024 16:51
Operator : MA/JU
Sample : 03572-08
Misc : LOQ-WATER-10PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 01 17:31:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	78691	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	335821	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	246803	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	575205	20.000	ng		0.00
76) Chrysene-d12	21.398	240	441324	20.000	ng		0.00
86) Perylene-d12	23.821	264	425029	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	666749	136.578	ng		0.00
7) Phenol-d6	7.075	99	925798	140.646	ng		-0.01
23) Nitrobenzene-d5	9.081	82	630829	81.397	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	562229	156.023	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1552988	77.789	ng		0.00
79) Terphenyl-d14	19.875	244	2667400	99.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	21407	11.381	ng		98
3) Pyridine	3.781	79	53577	10.507	ng		98
4) n-Nitrosodimethylamine	3.705	42	23739	10.693	ng		98
6) Aniline	7.240	93	86666	13.550	ng		99
8) 2-Chlorophenol	7.469	128	53260	10.626	ng		100
9) Benzaldehyde	7.052	77	58708	12.721	ng		95
10) Phenol	7.105	94	73040	11.133	ng		97
11) bis(2-Chloroethyl)ether	7.346	93	57612	11.287	ng		97
12) 1,3-Dichlorobenzene	7.793	146	62524	10.195	ng		98
13) 1,4-Dichlorobenzene	7.946	146	64894	10.444	ng		96
14) 1,2-Dichlorobenzene	8.257	146	62735	10.435	ng		98
15) Benzyl Alcohol	8.152	79	63715m	12.114	ng		
16) 2,2'-oxybis(1-Chloropr...	8.446	45	58990	11.557	ng		99
17) 2-Methylphenol	8.352	107	49451	11.196	ng		94
18) Hexachloroethane	8.981	117	23906	9.926	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	56428	12.550	ng		97
20) 3+4-Methylphenols	8.681	107	70438	11.685	ng		99
22) Acetophenone	8.740	105	103258	10.793	ng	#	97
24) Nitrobenzene	9.122	77	80247	10.284	ng		98
25) Isophorone	9.646	82	155248	11.502	ng		99
26) 2-Nitrophenol	9.828	139	28811	9.683	ng		96
27) 2,4-Dimethylphenol	9.887	122	49102	12.906	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	84804	11.105	ng		99
29) 2,4-Dichlorophenol	10.357	162	61545	10.702	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	67442	9.564	ng		98
31) Naphthalene	10.763	128	188421	10.230	ng		99
32) Benzoic acid	9.975	122	38432m	10.368	ng		
33) 4-Chloroaniline	10.881	127	82366	12.092	ng		99
34) Hexachlorobutadiene	11.040	225	48296	9.243	ng		96
35) Caprolactam	11.651	113	20924m	12.852	ng		
36) 4-Chloro-3-methylphenol	11.998	107	73157	11.666	ng		95
37) 2-Methylnaphthalene	12.375	142	137722	10.805	ng		98
38) 1-Methylnaphthalene	12.593	142	135842	10.845	ng		97
40) 1,2,4,5-Tetrachloroben...	12.734	216	91701	9.634	ng		100
41) Hexachlorocyclopentadiene	12.704	237	47904	11.141	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	56569	9.815	ng		99

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Misc : LOQ-WATER-10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	62391	9.858	ng	96
46) 1,1'-Biphenyl	13.387	154	198434	10.074	ng	97
47) 2-Chloronaphthalene	13.422	162	158433	9.798	ng	97
48) 2-Nitroaniline	13.634	65	48884	10.812	ng	98
49) Acenaphthylene	14.269	152	256291	11.297	ng	99
50) Dimethylphthalate	14.016	163	213614	11.306	ng	99
51) 2,6-Dinitrotoluene	14.140	165	43016	10.363	ng	97
52) Acenaphthene	14.610	154	147332	10.464	ng	97
53) 3-Nitroaniline	14.463	138	43237	11.334	ng	94
54) 2,4-Dinitrophenol	14.669	184	19631	9.108	ng	97
55) Dibenzofuran	14.945	168	253206	11.042	ng	97
56) 4-Nitrophenol	14.763	139	34047	10.889	ng	94
57) 2,4-Dinitrotoluene	14.922	165	60000	11.030	ng	97
58) Fluorene	15.598	166	202974	11.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	59724	11.219	ng	99
60) Diethylphthalate	15.387	149	215524	11.469	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	110782	10.791	ng	97
62) 4-Nitroaniline	15.622	138	45797	11.453	ng	96
63) Azobenzene	15.898	77	202808	11.160	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	28072	8.559	ng	96
66) n-Nitrosodiphenylamine	15.816	169	179419	10.415	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	71675	9.968	ng	98
68) Hexachlorobenzene	16.592	284	80645	9.604	ng	98
69) Atrazine	16.781	200	72149	12.621	ng	94
70) Pentachlorophenol	16.945	266	44316	8.475	ng	98
71) Phenanthrene	17.345	178	322147	10.642	ng	99
72) Anthracene	17.439	178	328234	10.870	ng	99
73) Carbazole	17.716	167	284863	10.384	ng	99
74) Di-n-butylphthalate	18.280	149	346175	10.437	ng	100
75) Fluoranthene	19.316	202	374553	10.129	ng	99
77) Benzidine	19.504	184	191587	20.765	ng	99
78) Pyrene	19.669	202	388366	12.469	ng	99
80) Butylbenzylphthalate	20.563	149	126740	10.896	ng	98
81) Benzo(a)anthracene	21.380	228	332506	10.703	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	119743	10.578	ng	100
83) Chrysene	21.433	228	299779	10.164	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	171442	9.679	ng	98
85) Di-n-octyl phthalate	22.274	149	252839	8.113	ng	100
87) Indeno(1,2,3-cd)pyrene	26.351	276	331183	10.179	ng	99
88) Benzo(b)fluoranthene	23.080	252	279332	10.428	ng	99
89) Benzo(k)fluoranthene	23.127	252	265966	10.394	ng	98
90) Benzo(a)pyrene	23.710	252	240912	10.108	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	274193	10.247	ng	99
92) Benzo(g,h,i)perylene	27.121	276	267382	9.850	ng	99

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

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