Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019526.D
Acq On : 02 Feb 2024 13:56
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations APPROVED

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

Quant Time: Feb 02 14:41:41 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	7.911	152	60713	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	234422	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	137552	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	262714	20.000	ng		0.00
76) Chrysene-d12	21.386	240	254582	20.000	ng		0.00
86) Perylene-d12	23.804	264	332511	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	544563	144.581	ng		0.00
7) Phenol-d6	7.081	99	711626	140.122	ng		0.00
23) Nitrobenzene-d5	9.081	82	450124	83.203	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	268869	133.875	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	972412	87.394	ng		0.00
79) Terphenyl-d14	19.863	244	1213309	78.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	16451	11.337	ng		93
3) Pyridine	3.787	79	39405	10.016	ng		94
4) n-Nitrosodimethylamine	3.711	42	18643	10.884	ng		100
6) Aniline	7.246	93	61025	12.366	ng		98
8) 2-Chlorophenol	7.475	128	40951	10.590	ng		98
9) Benzaldehyde	7.058	77	43863	12.319	ng		98
10) Phenol	7.105	94	55411	10.947	ng		94
11) bis(2-Chloroethyl)ether	7.352	93	42003	10.666	ng		98
12) 1,3-Dichlorobenzene	7.799	146	50562	10.686	ng		95
13) 1,4-Dichlorobenzene	7.946	146	52142	10.877	ng		99
14) 1,2-Dichlorobenzene	8.263	146	48945	10.552	ng		98
15) Benzyl Alcohol	8.158	79	44490	10.964	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	44262	11.240	ng		97
17) 2-Methylphenol	8.358	107	36366	10.671	ng		95
18) Hexachloroethane	8.987	117	20021	10.775	ng		94
19) n-Nitroso-di-n-propyla...	8.722	70	36387	10.489	ng		99
20) 3+4-Methylphenols	8.681	107	47814	10.281	ng		96
22) Acetophenone	8.740	105	71511	10.708	ng	#	96
24) Nitrobenzene	9.122	77	55597m	10.207	ng		
25) Isophorone	9.646	82	93866	9.963	ng		99
26) 2-Nitrophenol	9.828	139	19294	9.290	ng		96
27) 2,4-Dimethylphenol	9.887	122	31534	11.874	ng		96
28) bis(2-Chloroethoxy)met...	10.140	93	55262	10.367	ng		97
29) 2,4-Dichlorophenol	10.357	162	39803	9.915	ng		96
30) 1,2,4-Trichlorobenzene	10.575	180	50655	10.291	ng		96
31) Naphthalene	10.757	128	132735	10.324	ng		99
32) Benzoic acid	9.957	122	19960m	7.714	ng		
33) 4-Chloroaniline	10.881	127	53163	11.181	ng		97
34) Hexachlorobutadiene	11.040	225	35439	9.716	ng		92
35) Caprolactam	11.652	113	9472	8.334	ng		93
36) 4-Chloro-3-methylphenol	11.993	107	42644	9.742	ng		95
37) 2-Methylnaphthalene	12.369	142	88782	9.978	ng		98
38) 1-Methylnaphthalene	12.587	142	87753	10.036	ng		96
40) 1,2,4,5-Tetrachloroben...	12.728	216	61011	11.501	ng		97
41) Hexachlorocyclopentadiene	12.704	237	33065	13.797	ng		93
43) 2,4,6-Trichlorophenol	12.975	196	33486	10.425	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	35554	10.080	ng		98
46) 1,1'-Biphenyl	13.381	154	122528	11.161	ng		98
47) 2-Chloronaphthalene	13.422	162	94131	10.445	ng		97
48) 2-Nitroaniline	13.634	65	23458	9.309	ng		97
49) Acenaphthylene	14.263	152	145461	11.505	ng		98
50) Dimethylphthalate	14.010	163	105070	9.978	ng		96
51) 2,6-Dinitrotoluene	14.128	165	21973	9.498	ng		98
52) Acenaphthene	14.604	154	81022	10.325	ng		99
53) 3-Nitroaniline	14.457	138	19364	9.108	ng		97
54) 2,4-Dinitrophenol	14.663	184	9325	7.763	ng	#	83
55) Dibenzofuran	14.945	168	138167	10.810	ng		95
56) 4-Nitrophenol	14.757	139	14883	8.540	ng		90
57) 2,4-Dinitrotoluene	14.916	165	25460	8.398	ng	#	99
58) Fluorene	15.592	166	104244	10.240	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	29716	10.016	ng		96
60) Diethylphthalate	15.381	149	97985	9.355	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	58692	10.258	ng		100
62) 4-Nitroaniline	15.616	138	18898	8.480	ng		92
63) Azobenzene	15.887	77	100130	9.886	ng		99
65) 4,6-Dinitro-2-methylph...	15.675	198	11833	7.899	ng		91
66) n-Nitrosodiphenylamine	15.810	169	84192	10.701	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	33423	10.177	ng		99
68) Hexachlorobenzene	16.587	284	38955	10.157	ng		98
69) Atrazine	16.769	200	29855	11.435	ng		99
70) Pentachlorophenol	16.939	266	19653	8.229	ng		98
71) Phenanthrene	17.339	178	152053	10.998	ng		98
72) Anthracene	17.434	178	147886	10.723	ng		99
73) Carbazole	17.704	167	125970	10.054	ng		98
74) Di-n-butylphthalate	18.269	149	135058	8.915	ng		99
75) Fluoranthene	19.304	202	165390	9.792	ng		99
77) Benzidine	19.498	184	84255	15.830	ng		99
78) Pyrene	19.657	202	174414	9.707	ng		98
80) Butylbenzylphthalate	20.551	149	56353	8.399	ng		98
81) Benzo(a)anthracene	21.375	228	185957	10.377	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	71907	11.011	ng	#	99
83) Chrysene	21.427	228	175597	10.321	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	89872	8.796	ng		100
85) Di-n-octyl phthalate	22.269	149	164961	9.176	ng	#	100
87) Indeno(1,2,3-cd)pyrene	26.327	276	261914	10.290	ng		98
88) Benzo(b)fluoranthene	23.069	252	210056	10.023	ng		98
89) Benzo(k)fluoranthene	23.116	252	198626	9.922	ng		99
90) Benzo(a)pyrene	23.698	252	186357	9.994	ng		98
91) Dibenzo(a,h)anthracene	26.357	278	218957	10.460	ng		98
92) Benzo(g,h,i)perylene	27.092	276	212503	10.006	ng		98

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

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