Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019514.D
Acq On : 01 Feb 2024 19:21
Operator : MA/JU
Sample : 03572-07
Misc : LOD-MDL-WATER-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 02 03:23:14 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

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	76014	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	330413	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	239643	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	593502	20.000	ng		0.00
76) Chrysene-d12	21.392	240	585398	20.000	ng		0.00
86) Perylene-d12	23.809	264	543959	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	560029	118.757	ng		0.00
7) Phenol-d6	7.081	99	777605	122.293	ng		0.00
23) Nitrobenzene-d5	9.081	82	537895	70.541	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	467656	133.656	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1314744	67.823	ng		0.00
79) Terphenyl-d14	19.868	244	2616466	73.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7209	3.968	ng		97
3) Pyridine	3.793	79	16035	3.255	ng	#	86
4) n-Nitrosodimethylamine	3.710	42	7618	3.552	ng	#	88
6) Aniline	7.246	93	26319	4.260	ng		98
8) 2-Chlorophenol	7.475	128	17670	3.650	ng		97
9) Benzaldehyde	7.063	77	20653	4.633	ng		94
10) Phenol	7.104	94	23646	3.731	ng		91
11) bis(2-Chloroethyl)ether	7.351	93	17860	3.622	ng		96
12) 1,3-Dichlorobenzene	7.798	146	20262	3.420	ng		97
13) 1,4-Dichlorobenzene	7.951	146	21653	3.608	ng		94
14) 1,2-Dichlorobenzene	8.263	146	21250	3.659	ng		97
15) Benzyl Alcohol	8.157	79	20124	3.961	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.451	45	19088	3.871	ng		96
17) 2-Methylphenol	8.357	107	15107	3.541	ng		97
18) Hexachloroethane	8.981	117	7994	3.436	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	17021	3.919	ng		96
20) 3+4-Methylphenols	8.687	107	21566	3.704	ng		94
22) Acetophenone	8.745	105	33909	3.602	ng	#	94
24) Nitrobenzene	9.122	77	28432	3.703	ng		97
25) Isophorone	9.645	82	49122	3.699	ng		98
26) 2-Nitrophenol	9.834	139	8815	3.011	ng		97
27) 2,4-Dimethylphenol	9.887	122	15743	4.206	ng		94
28) bis(2-Chloroethoxy)met...	10.140	93	26868	3.576	ng		99
29) 2,4-Dichlorophenol	10.357	162	18708	3.306	ng		97
30) 1,2,4-Trichlorobenzene	10.575	180	22324	3.218	ng		97
31) Naphthalene	10.763	128	60609	3.345	ng		99
32) Benzoic acid	9.951	122	9932m	2.723	ng		
33) 4-Chloroaniline	10.881	127	25747	3.842	ng		96
34) Hexachlorobutadiene	11.040	225	15477	3.010	ng		92
35) Caprolactam	11.651	113	7200m	4.495	ng		
36) 4-Chloro-3-methylphenol	11.998	107	21540	3.491	ng		99
37) 2-Methylnaphthalene	12.369	142	44455	3.545	ng		97
38) 1-Methylnaphthalene	12.592	142	43125	3.499	ng		100
40) 1,2,4,5-Tetrachloroben...	12.734	216	29237	3.163	ng		97
41) Hexachlorocyclopentadiene	12.704	237	13961	3.344	ng		94
43) 2,4,6-Trichlorophenol	12.981	196	16658	2.977	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	18953	3.084	ng		94
46) 1,1'-Biphenyl	13.381	154	63002	3.294	ng		99
47) 2-Chloronaphthalene	13.422	162	50679	3.228	ng		98
48) 2-Nitroaniline	13.633	65	13944	3.176	ng		90
49) Acenaphthylene	14.269	152	81473	3.699	ng		99
50) Dimethylphthalate	14.016	163	66170	3.607	ng		98
51) 2,6-Dinitrotoluene	14.133	165	12867	3.192	ng		88
52) Acenaphthene	14.610	154	45907	3.358	ng		93
53) 3-Nitroaniline	14.457	138	12641	3.413	ng	#	97
54) 2,4-Dinitrophenol	14.663	184	5289	2.527	ng		91
55) Dibenzofuran	14.945	168	81150	3.644	ng		97
56) 4-Nitrophenol	14.757	139	10284	3.387	ng		91
57) 2,4-Dinitrotoluene	14.916	165	17001	3.219	ng	#	96
58) Fluorene	15.592	166	62667	3.534	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.169	232	18138	3.509	ng		99
60) Diethylphthalate	15.380	149	65919	3.613	ng		100
61) 4-Chlorophenyl-phenyle...	15.598	204	35209	3.532	ng		97
62) 4-Nitroaniline	15.616	138	14100	3.632	ng		94
63) Azobenzene	15.892	77	62107	3.520	ng		97
65) 4,6-Dinitro-2-methylph...	15.675	198	7949	2.349	ng		94
66) n-Nitrosodiphenylamine	15.810	169	55455	3.120	ng		97
67) 4-Bromophenyl-phenylether	16.498	248	22380	3.016	ng		97
68) Hexachlorobenzene	16.592	284	26774	3.090	ng		95
69) Atrazine	16.769	200	22967	3.894	ng		97
70) Pentachlorophenol	16.939	266	14259	2.643	ng		94
71) Phenanthrene	17.339	178	108569	3.476	ng		99
72) Anthracene	17.433	178	107171	3.440	ng		99
73) Carbazole	17.710	167	98512	3.480	ng		97
74) Di-n-butylphthalate	18.274	149	108363	3.166	ng		99
75) Fluoranthene	19.310	202	132290	3.467	ng		99
77) Benzidine	19.498	184	54187	4.428	ng		98
78) Pyrene	19.657	202	143081	3.463	ng		98
80) Butylbenzylphthalate	20.557	149	46253	2.998	ng		95
81) Benzo(a)anthracene	21.374	228	142238	3.452	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	48101	3.203	ng		99
83) Chrysene	21.427	228	129201	3.302	ng		98
84) Bis(2-ethylhexyl)phtha...	21.321	149	68779	2.927	ng		99
85) Di-n-octyl phthalate	22.268	149	109334	2.645	ng		100
87) Indeno(1,2,3-cd)pyrene	26.327	276	112370	2.699	ng		98
88) Benzo(b)fluoranthene	23.068	252	116211	3.390	ng		99
89) Benzo(k)fluoranthene	23.121	252	114705	3.503	ng		99
90) Benzo(a)pyrene	23.704	252	97565	3.198	ng		99
91) Dibenzo(a,h)anthracene	26.362	278	92938	2.714	ng		98
92) Benzo(g,h,i)perylene	27.103	276	90134	2.594	ng		99

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

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