Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019515.D
Acq On : 01 Feb 2024 19:55
Operator : MA/JU
Sample : 03572-07
Misc : LOD-MDL-WATER-8PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 02 03:23:56 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	74840	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	317961	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	223484	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	483102	20.000	ng		0.00
76) Chrysene-d12	21.392	240	352506	20.000	ng		0.00
86) Perylene-d12	23.810	264	407649	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	615419	132.550	ng		0.00
7) Phenol-d6	7.081	99	846213	135.171	ng		0.00
23) Nitrobenzene-d5	9.081	82	582298	79.355	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	448163	137.346	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1390117	76.896	ng		0.00
79) Terphenyl-d14	19.869	244	1964371	91.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	14279	7.982	ng		93
3) Pyridine	3.787	79	38488	7.936	ng		92
4) n-Nitrosodimethylamine	3.711	42	17106	8.102	ng		96
6) Aniline	7.246	93	61191	10.059	ng		99
8) 2-Chlorophenol	7.475	128	37481	7.863	ng		96
9) Benzaldehyde	7.058	77	40822	9.301	ng		96
10) Phenol	7.105	94	52285	8.380	ng		94
11) bis(2-Chloroethyl)ether	7.346	93	40589	8.361	ng		98
12) 1,3-Dichlorobenzene	7.799	146	44846	7.689	ng		99
13) 1,4-Dichlorobenzene	7.946	146	47466	8.032	ng		99
14) 1,2-Dichlorobenzene	8.263	146	45086	7.886	ng		95
15) Benzyl Alcohol	8.158	79	43070	8.610	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	41441	8.537	ng		99
17) 2-Methylphenol	8.357	107	34889	8.305	ng		98
18) Hexachloroethane	8.981	117	18222	7.955	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	37549	8.781	ng		99
20) 3+4-Methylphenols	8.687	107	47254	8.243	ng		96
22) Acetophenone	8.740	105	72460	7.999	ng	#	97
24) Nitrobenzene	9.122	77	58167	7.873	ng		97
25) Isophorone	9.646	82	102924	8.054	ng		100
26) 2-Nitrophenol	9.828	139	20136	7.148	ng		92
27) 2,4-Dimethylphenol	9.887	122	33547	9.313	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	57168	7.907	ng		98
29) 2,4-Dichlorophenol	10.357	162	41475	7.617	ng		97
30) 1,2,4-Trichlorobenzene	10.575	180	48422	7.253	ng		96
31) Naphthalene	10.763	128	132310	7.587	ng		100
32) Benzoic acid	9.969	122	21554m	6.141	ng		
33) 4-Chloroaniline	10.881	127	54965	8.523	ng		95
34) Hexachlorobutadiene	11.040	225	34820	7.038	ng		96
35) Caprolactam	11.646	113	12711m	8.246	ng		
36) 4-Chloro-3-methylphenol	11.998	107	47205	7.951	ng		98
37) 2-Methylnaphthalene	12.369	142	96043	7.958	ng		99
38) 1-Methylnaphthalene	12.587	142	93751	7.905	ng		95
40) 1,2,4,5-Tetrachloroben...	12.734	216	62922	7.300	ng		99
41) Hexachlorocyclopentadiene	12.710	237	32703	8.399	ng		95
43) 2,4,6-Trichlorophenol	12.975	196	36528	6.999	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	40911	7.139	ng		98
46) 1,1'-Biphenyl	13.381	154	134144	7.521	ng		99
47) 2-Chloronaphthalene	13.422	162	105612	7.213	ng		96
48) 2-Nitroaniline	13.634	65	29825	7.285	ng		96
49) Acenaphthylene	14.263	152	169196	8.236	ng		98
50) Dimethylphthalate	14.016	163	131664	7.696	ng		99
51) 2,6-Dinitrotoluene	14.134	165	26617	7.081	ng		95
52) Acenaphthene	14.604	154	96101	7.538	ng		99
53) 3-Nitroaniline	14.457	138	26294	7.612	ng	#	95
54) 2,4-Dinitrophenol	14.663	184	11281	5.780	ng		94
55) Dibenzofuran	14.945	168	164188	7.907	ng		99
56) 4-Nitrophenol	14.757	139	19951	7.047	ng		91
57) 2,4-Dinitrotoluene	14.916	165	35963	7.301	ng		99
58) Fluorene	15.592	166	130076	7.865	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	35845	7.436	ng		98
60) Diethylphthalate	15.381	149	130126	7.647	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	69265	7.451	ng		100
62) 4-Nitroaniline	15.616	138	25882	7.148	ng		98
63) Azobenzene	15.887	77	126538	7.690	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	16223	5.889	ng		94
66) n-Nitrosodiphenylamine	15.810	169	110355	7.627	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	44301	7.335	ng		98
68) Hexachlorobenzene	16.592	284	50900	7.217	ng		96
69) Atrazine	16.769	200	40128	8.358	ng		98
70) Pentachlorophenol	16.939	266	26016	5.924	ng		97
71) Phenanthrene	17.339	178	199177	7.834	ng		100
72) Anthracene	17.433	178	198035	7.808	ng		99
73) Carbazole	17.704	167	166832	7.241	ng		99
74) Di-n-butylphthalate	18.275	149	184449	6.621	ng		99
75) Fluoranthene	19.304	202	210525	6.778	ng		98
77) Benzidine	19.498	184	93237	12.651	ng		98
78) Pyrene	19.663	202	214514	8.623	ng		99
80) Butylbenzylphthalate	20.557	149	62692	6.748	ng		95
81) Benzo(a)anthracene	21.374	228	187819	7.569	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	70375	7.783	ng		98
83) Chrysene	21.427	228	172280	7.313	ng		100
84) Bis(2-ethylhexyl)phtha...	21.322	149	88573	6.261	ng		99
85) Di-n-octyl phthalate	22.269	149	144625	5.810	ng		100
87) Indeno(1,2,3-cd)pyrene	26.327	276	243654	7.808	ng		99
88) Benzo(b)fluoranthene	23.068	252	181334	7.058	ng		98
89) Benzo(k)fluoranthene	23.121	252	175357	7.145	ng		98
90) Benzo(a)pyrene	23.698	252	163688	7.160	ng	#	97
91) Dibenzo(a,h)anthracene	26.362	278	200008	7.793	ng		99
92) Benzo(g,h,i)perylene	27.104	276	196183	7.535	ng		99

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

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