Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092324\
Data File : BP021980.D
Acq On : 23 Sep 2024 13:11
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER-4 PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 14:04:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	131223	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	520424	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	393173	20.000	ng		0.00
64) Phenanthrene-d10	17.122	188	945454	20.000	ng		-0.02
76) Chrysene-d12	21.557	240	1165068	20.000	ng		0.00
86) Perylene-d12	24.845	264	1352715	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	728528	104.334	ng		0.00
7) Phenol-d6	6.893	99	960929	106.007	ng		0.00
23) Nitrobenzene-d5	8.852	82	734196	74.648	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	782075	107.296	ng		-0.01
45) 2-Fluorobiphenyl	12.934	172	1929639	71.643	ng		0.00
79) Terphenyl-d14	19.845	244	3901338	62.903	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	9878	3.407	ng		94
3) Pyridine	3.664	79	23510	3.040	ng		97
4) n-Nitrosodimethylamine	3.564	42	14344	3.516	ng	#	95
6) Aniline	7.046	93	33651	4.225	ng		98
8) 2-Chlorophenol	7.287	128	27861	3.731	ng		96
9) Benzaldehyde	6.869	77	26719m	5.637	ng		
10) Phenol	6.922	94	32204	3.577	ng		93
11) bis(2-Chloroethyl)ether	7.146	93	24399	3.598	ng		96
12) 1,3-Dichlorobenzene	7.605	146	33111	3.513	ng		98
13) 1,4-Dichlorobenzene	7.746	146	33605	3.515	ng		95
14) 1,2-Dichlorobenzene	8.058	146	31940	3.481	ng		95
15) Benzyl Alcohol	7.952	79	23917	3.440	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	29702	4.106	ng		95
17) 2-Methylphenol	8.146	107	20675	3.399	ng		91
18) Hexachloroethane	8.775	117	11880	3.380	ng		98
19) n-Nitroso-di-n-propyla...	8.505	70	20627	3.661	ng		97
20) 3+4-Methylphenols	8.469	107	27629	3.218	ng		95
22) Acetophenone	8.522	105	43977	3.464	ng		96
24) Nitrobenzene	8.887	77	35844	3.589	ng		99
25) Isophorone	9.416	82	54272	3.347	ng		99
26) 2-Nitrophenol	9.593	139	12119	2.775	ng		94
27) 2,4-Dimethylphenol	9.658	122	12593	2.490	ng		99
28) bis(2-Chloroethoxy)met...	9.887	93	33885	3.485	ng		99
29) 2,4-Dichlorophenol	10.128	162	25212	2.937	ng		92
30) 1,2,4-Trichlorobenzene	10.340	180	35541	3.324	ng		98
31) Naphthalene	10.516	128	89866	3.461	ng		99
33) 4-Chloroaniline	10.634	127	33125	3.536	ng		98
34) Hexachlorobutadiene	10.810	225	26889	3.215	ng		94
35) Caprolactam	11.404	113	7492	2.933	ng		97
36) 4-Chloro-3-methylphenol	11.757	107	27989	3.039	ng		96
37) 2-Methylnaphthalene	12.134	142	66649	3.508	ng		97
38) 1-Methylnaphthalene	12.357	142	59305	3.162	ng		97
40) 1,2,4,5-Tetrachloroben...	12.499	216	45387	3.300	ng		98
41) Hexachlorocyclopentadiene	12.487	237	12752	2.495	ng		92
43) 2,4,6-Trichlorophenol	12.746	196	24964	2.957	ng		93
44) 2,4,5-Trichlorophenol	12.816	196	26009	2.746	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.151	154	94422	3.522	ng		97
47) 2-Chloronaphthalene	13.193	162	73294	3.381	ng		99
48) 2-Nitroaniline	13.398	65	16064	2.714	ng		96
49) Acenaphthylene	14.040	152	104619	3.420	ng		97
50) Dimethylphthalate	13.787	163	94368	3.309	ng		99
51) 2,6-Dinitrotoluene	13.893	165	18340	2.886	ng		97
52) Acenaphthene	14.387	154	64390	3.235	ng		99
53) 3-Nitroaniline	14.228	138	15531	2.743	ng	#	83
54) 2,4-Dinitrophenol	14.445	184	7672	2.061	ng	#	88
55) Dibenzofuran	14.728	168	116800	3.491	ng		97
56) 4-Nitrophenol	14.551	139	10446	2.119	ng		90
57) 2,4-Dinitrotoluene	14.693	165	23500	2.616	ng		98
58) Fluorene	15.387	166	89802	3.214	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	28335	3.100	ng		99
60) Diethylphthalate	15.163	149	94014	3.244	ng		99
61) 4-Chlorophenyl-phenyle...	15.375	204	52611	3.234	ng		96
62) 4-Nitroaniline	15.398	138	16286	2.615	ng		95
63) Azobenzene	15.675	77	76937	3.208	ng		97
65) 4,6-Dinitro-2-methylph...	15.475	198	13161	2.402	ng		93
66) n-Nitrosodiphenylamine	15.598	169	79057	3.358	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	34924	3.169	ng		96
68) Hexachlorobenzene	16.410	284	44812	3.261	ng		99
69) Atrazine	16.575	200	32470	3.850	ng		99
70) Pentachlorophenol	16.763	266	24351	2.634	ng		97
71) Phenanthrene	17.163	178	156987	3.459	ng		98
72) Anthracene	17.257	178	143752	3.272	ng		98
73) Carbazole	17.534	167	135036	3.182	ng		98
74) Di-n-butylphthalate	18.128	149	148585	2.981	ng		99
75) Fluoranthene	19.251	202	204216	3.224	ng		100
77) Benzidine	19.445	184	65171	4.577	ng		97
78) Pyrene	19.622	202	217092	3.080	ng		99
80) Butylbenzylphthalate	20.580	149	71765	2.855	ng		99
81) Benzo(a)anthracene	21.533	228	252617	3.374	ng		99
82) 3,3'-Dichlorobenzidine	21.451	252	81187	2.989	ng		96
83) Chrysene	21.598	228	241633	3.428	ng		98
84) Bis(2-ethylhexyl)phtha...	21.469	149	109439	2.966	ng		98
85) Di-n-octyl phthalate	22.727	149	169168	2.700	ng		98
87) Indeno(1,2,3-cd)pyrene	28.562	276	300513	3.340	ng		98
88) Benzo(b)fluoranthene	23.798	252	252640m	3.158	ng		
89) Benzo(k)fluoranthene	23.869	252	246777	3.260	ng		98
90) Benzo(a)pyrene	24.680	252	226007	3.279	ng		98
91) Dibenzo(a,h)anthracene	28.633	278	248918	3.352	ng		99
92) Benzo(g,h,i)perylene	29.715	276	233090	3.065	ng		98

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

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