Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021970.D
Acq On : 20 Sep 2024 16:50
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER- 4 ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 20 17:21:01 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	109662	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	423272	20.000	ng		0.00
39) Acenaphthene-d10	14.334	164	311145	20.000	ng		0.00
64) Phenanthrene-d10	17.127	188	755617	20.000	ng		-0.01
76) Chrysene-d12	21.563	240	911044	20.000	ng		0.00
86) Perylene-d12	24.862	264	1028433	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	671194	115.022	ng		0.00
7) Phenol-d6	6.893	99	875617	115.588	ng		0.00
23) Nitrobenzene-d5	8.851	82	660964	82.627	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	708631	122.850	ng		0.00
45) 2-Fluorobiphenyl	12.939	172	1690551	79.314	ng		0.00
79) Terphenyl-d14	19.863	244	3468705	71.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	9484	3.914	ng		97
3) Pyridine	3.663	79	20295	3.140	ng		98
4) n-Nitrosodimethylamine	3.563	42	12931	3.793	ng	#	96
6) Aniline	7.052	93	30505	4.583	ng		100
8) 2-Chlorophenol	7.281	128	25027	4.011	ng		92
9) Benzaldehyde	6.863	77	24076	6.078	ng		95
10) Phenol	6.916	94	28347	3.768	ng		81
11) bis(2-Chloroethyl)ether	7.140	93	22681	4.002	ng		95
12) 1,3-Dichlorobenzene	7.599	146	30799	3.910	ng		96
13) 1,4-Dichlorobenzene	7.746	146	31621	3.958	ng		96
14) 1,2-Dichlorobenzene	8.057	146	30154	3.932	ng		99
15) Benzyl Alcohol	7.946	79	22462	3.866	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.222	45	26706	4.418	ng		99
17) 2-Methylphenol	8.151	107	18362	3.613	ng		95
18) Hexachloroethane	8.775	117	10896	3.709	ng		88
19) n-Nitroso-di-n-propyla...	8.499	70	18511	3.931	ng		98
20) 3+4-Methylphenols	8.469	107	25508	3.555	ng		95
22) Acetophenone	8.516	105	40626	3.935	ng	#	94
24) Nitrobenzene	8.893	77	33253	4.093	ng		99
25) Isophorone	9.416	82	49322	3.740	ng		100
26) 2-Nitrophenol	9.598	139	11280	3.176	ng		99
27) 2,4-Dimethylphenol	9.657	122	10312	2.507	ng		97
28) bis(2-Chloroethoxy)met...	9.893	93	30203	3.820	ng		95
29) 2,4-Dichlorophenol	10.128	162	22700	3.252	ng		97
30) 1,2,4-Trichlorobenzene	10.340	180	32355	3.721	ng		97
31) Naphthalene	10.522	128	79761	3.776	ng		97
32) Benzoic acid	9.722	122	11702m	2.434	ng		
33) 4-Chloroaniline	10.634	127	29083	3.818	ng		98
34) Hexachlorobutadiene	10.810	225	24675	3.627	ng		98
35) Caprolactam	11.398	113	6819	3.282	ng		94
36) 4-Chloro-3-methylphenol	11.763	107	24234	3.236	ng		96
37) 2-Methylnaphthalene	12.140	142	56625	3.664	ng		95
38) 1-Methylnaphthalene	12.351	142	53564	3.511	ng		97
40) 1,2,4,5-Tetrachloroben...	12.504	216	41666	3.828	ng		99
41) Hexachlorocyclopentadiene	12.492	237	9893	2.446	ng		94
43) 2,4,6-Trichlorophenol	12.745	196	22952	3.435	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	24182	3.226	ng		95
46) 1,1'-Biphenyl	13.151	154	85372	4.024	ng		98
47) 2-Chloronaphthalene	13.192	162	62934	3.669	ng		99
48) 2-Nitroaniline	13.398	65	14593	3.115	ng		88
49) Acenaphthylene	14.051	152	91430	3.777	ng		98
50) Dimethylphthalate	13.781	163	81983	3.633	ng		99
51) 2,6-Dinitrotoluene	13.898	165	15744	3.131	ng		91
52) Acenaphthene	14.398	154	56257	3.571	ng		97
53) 3-Nitroaniline	14.239	138	13160	2.936	ng	#	90
54) 2,4-Dinitrophenol	14.445	184	6538	2.219	ng		93
55) Dibenzofuran	14.733	168	102091	3.855	ng		99
56) 4-Nitrophenol	14.557	139	10496	2.691	ng		85
57) 2,4-Dinitrotoluene	14.692	165	19912	2.801	ng		90
58) Fluorene	15.392	166	81449	3.683	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.969	232	24105	3.332	ng		95
60) Diethylphthalate	15.175	149	82411	3.594	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	46797	3.635	ng		95
62) 4-Nitroaniline	15.416	138	13888	2.818	ng		93
63) Azobenzene	15.692	77	69955	3.686	ng		98
65) 4,6-Dinitro-2-methylph...	15.480	198	12193	2.784	ng		92
66) n-Nitrosodiphenylamine	15.616	169	68237	3.627	ng		96
67) 4-Bromophenyl-phenylether	16.310	248	31901	3.622	ng		97
68) Hexachlorobenzene	16.416	284	40350	3.674	ng		96
69) Atrazine	16.592	200	30143	4.472	ng		98
70) Pentachlorophenol	16.769	266	21136	2.861	ng		95
71) Phenanthrene	17.175	178	136967	3.776	ng		99
72) Anthracene	17.275	178	124578	3.548	ng		99
73) Carbazole	17.545	167	120369	3.549	ng		97
74) Di-n-butylphthalate	18.139	149	132459	3.326	ng		99
75) Fluoranthene	19.257	202	177759	3.511	ng		100
77) Benzidine	19.463	184	47760	4.290	ng	#	96
78) Pyrene	19.633	202	189839	3.445	ng		99
80) Butylbenzylphthalate	20.592	149	61055	3.106	ng		100
81) Benzo(a)anthracene	21.545	228	215742	3.685	ng		99
82) 3,3'-Dichlorobenzidine	21.463	252	69840	3.288	ng		99
83) Chrysene	21.610	228	200278	3.634	ng		98
84) Bis(2-ethylhexyl)phtha...	21.480	149	90266	3.129	ng		99
85) Di-n-octyl phthalate	22.745	149	144730	2.954	ng		98
87) Indeno(1,2,3-cd)pyrene	28.586	276	261685	3.826	ng		92
88) Benzo(b)fluoranthene	23.809	252	213101	3.504	ng		97
89) Benzo(k)fluoranthene	23.874	252	223716	3.887	ng		99
90) Benzo(a)pyrene	24.698	252	194211	3.707	ng		99
91) Dibenzo(a,h)anthracene	28.668	278	216862	3.841	ng		94
92) Benzo(g,h,i)perylene	29.739	276	201668	3.487	ng	#	97

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

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