Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021971.D
Acq On : 20 Sep 2024 17:32
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER- 8 ppm
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 20 17:59:21 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	7.711	152	92421	20.000	ng		0.00
21) Naphthalene-d8	10.469	136	358928	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	280811	20.000	ng		0.00
64) Phenanthrene-d10	17.128	188	691432	20.000	ng		-0.01
76) Chrysene-d12	21.557	240	845611	20.000	ng		0.00
86) Perylene-d12	24.857	264	979436	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	637053	129.537	ng		0.00
7) Phenol-d6	6.893	99	840278	131.616	ng		0.00
23) Nitrobenzene-d5	8.852	82	653840	96.389	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	740672	142.275	ng		-0.02
45) 2-Fluorobiphenyl	12.934	172	1774750	92.259	ng		0.00
79) Terphenyl-d14	19.863	244	3834919	85.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	17638	8.637	ng		99
3) Pyridine	3.658	79	41350	7.592	ng		98
4) n-Nitrosodimethylamine	3.564	42	25564	8.898	ng		98
6) Aniline	7.046	93	58241	10.381	ng		98
8) 2-Chlorophenol	7.281	128	47139	8.964	ng		98
9) Benzaldehyde	6.864	77	45240	13.552	ng		97
10) Phenol	6.916	94	55366	8.731	ng		97
11) bis(2-Chloroethyl)ether	7.140	93	42093	8.812	ng		95
12) 1,3-Dichlorobenzene	7.599	146	57913	8.723	ng		96
13) 1,4-Dichlorobenzene	7.746	146	58730	8.723	ng		98
14) 1,2-Dichlorobenzene	8.058	146	55814	8.637	ng		99
15) Benzyl Alcohol	7.946	79	43417	8.867	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.222	45	49193	9.656	ng		99
17) 2-Methylphenol	8.146	107	35803	8.358	ng		96
18) Hexachloroethane	8.775	117	21296	8.602	ng		97
19) n-Nitroso-di-n-propyla...	8.499	70	36324	9.154	ng		97
20) 3+4-Methylphenols	8.469	107	49960	8.262	ng		98
22) Acetophenone	8.516	105	79116	9.036	ng	#	98
24) Nitrobenzene	8.893	77	62399	9.058	ng		96
25) Isophorone	9.416	82	100735	9.008	ng		99
26) 2-Nitrophenol	9.593	139	23238	7.715	ng		93
27) 2,4-Dimethylphenol	9.658	122	22221	6.371	ng		99
28) bis(2-Chloroethoxy)met...	9.887	93	58249	8.687	ng		99
29) 2,4-Dichlorophenol	10.122	162	48970	8.272	ng		94
30) 1,2,4-Trichlorobenzene	10.340	180	62021	8.411	ng		98
31) Naphthalene	10.516	128	156031	8.712	ng		99
32) Benzoic acid	9.740	122	26746m	6.560	ng		
33) 4-Chloroaniline	10.628	127	58843	9.109	ng		96
34) Hexachlorobutadiene	10.805	225	48084	8.336	ng		96
35) Caprolactam	11.393	113	13819	7.844	ng		94
36) 4-Chloro-3-methylphenol	11.752	107	53137	8.367	ng		99
37) 2-Methylnaphthalene	12.128	142	115665	8.827	ng		97
38) 1-Methylnaphthalene	12.351	142	108469	8.384	ng		100
40) 1,2,4,5-Tetrachloroben...	12.499	216	84537	8.605	ng		99
41) Hexachlorocyclopentadiene	12.481	237	22504	6.165	ng		97
43) 2,4,6-Trichlorophenol	12.740	196	47027	7.799	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	52534	7.766	ng		97
46) 1,1'-Biphenyl	13.146	154	170604	8.910	ng		100
47) 2-Chloronaphthalene	13.187	162	128015	8.269	ng		97
48) 2-Nitroaniline	13.387	65	32650	7.723	ng		99
49) Acenaphthylene	14.040	152	200104	9.160	ng		99
50) Dimethylphthalate	13.769	163	176571	8.670	ng		99
51) 2,6-Dinitrotoluene	13.893	165	34639	7.633	ng		99
52) Acenaphthene	14.387	154	120330	8.463	ng		98
53) 3-Nitroaniline	14.222	138	32095	7.935	ng		93
54) 2,4-Dinitrophenol	14.428	184	17673	6.646	ng		98
55) Dibenzofuran	14.728	168	213155	8.919	ng		100
56) 4-Nitrophenol	14.540	139	26326	7.478	ng		96
57) 2,4-Dinitrotoluene	14.693	165	47409	7.390	ng	#	97
58) Fluorene	15.387	166	169441	8.490	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	54239	8.308	ng		98
60) Diethylphthalate	15.151	149	181771	8.783	ng		98
61) 4-Chlorophenyl-phenyle...	15.387	204	98434	8.472	ng		98
62) 4-Nitroaniline	15.398	138	34319	7.716	ng		97
63) Azobenzene	15.687	77	151153	8.826	ng		99
65) 4,6-Dinitro-2-methylph...	15.463	198	29062	7.252	ng		96
66) n-Nitrosodiphenylamine	15.604	169	148487	8.625	ng		95
67) 4-Bromophenyl-phenylether	16.304	248	65033	8.068	ng		98
68) Hexachlorobenzene	16.416	284	83926	8.352	ng		97
69) Atrazine	16.581	200	64990	10.536	ng		97
70) Pentachlorophenol	16.769	266	48603	7.189	ng		96
71) Phenanthrene	17.169	178	292239	8.805	ng		99
72) Anthracene	17.257	178	270952	8.433	ng		100
73) Carbazole	17.539	167	264406	8.520	ng		99
74) Di-n-butylphthalate	18.139	149	301459	8.271	ng		99
75) Fluoranthene	19.257	202	384380	8.297	ng		99
77) Benzidine	19.463	184	136253	13.185	ng		97
78) Pyrene	19.633	202	409675	8.009	ng		99
80) Butylbenzylphthalate	20.586	149	146373	8.023	ng		93
81) Benzo(a)anthracene	21.539	228	468964	8.631	ng		99
82) 3,3'-Dichlorobenzidine	21.463	252	166745	8.458	ng		97
83) Chrysene	21.610	228	442990	8.659	ng		98
84) Bis(2-ethylhexyl)phtha...	21.480	149	220971	8.252	ng		99
85) Di-n-octyl phthalate	22.739	149	362827	7.978	ng		99
87) Indeno(1,2,3-cd)pyrene	28.574	276	587413	9.017	ng		94
88) Benzo(b)fluoranthene	23.816	252	484456	8.364	ng		99
89) Benzo(k)fluoranthene	23.886	252	497205	9.070	ng		100
90) Benzo(a)pyrene	24.698	252	448842	8.995	ng		99
91) Dibenzo(a,h)anthracene	28.668	278	481750	8.961	ng		99
92) Benzo(g,h,i)perylene	29.739	276	461157	8.374	ng		99

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

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