Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021968.D
Acq On : 20 Sep 2024 15:28
Operator : RC/JU
Sample : P2403-08
Misc : LOQ--WATER- 10 ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 20 16:13:59 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 :
LOQ-WATER-02-QT2-2024

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	77394	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	286000	20.000	ng		0.00
39) Acenaphthene-d10	14.334	164	208669	20.000	ng		0.00
64) Phenanthrene-d10	17.122	188	517879	20.000	ng		-0.02
76) Chrysene-d12	21.551	240	658788	20.000	ng		-0.01
86) Perylene-d12	24.851	264	812266	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	430168	104.453	ng		0.00
7) Phenol-d6	6.887	99	546150	102.155	ng		-0.01
23) Nitrobenzene-d5	8.851	82	405417	75.007	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	417633	107.958	ng		-0.01
45) 2-Fluorobiphenyl	12.940	172	1043609	73.007	ng		0.00
79) Terphenyl-d14	19.851	244	2293755	65.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	16470	9.631	ng		97
3) Pyridine	3.658	79	35889	7.869	ng		96
4) n-Nitrosodimethylamine	3.564	42	21864	9.088	ng	#	97
6) Aniline	7.046	93	49101	10.451	ng		96
8) 2-Chlorophenol	7.281	128	39188	8.899	ng		94
9) Benzaldehyde	6.863	77	36007m	12.881	ng		
10) Phenol	6.916	94	46709	8.796	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	34432	8.608	ng		97
12) 1,3-Dichlorobenzene	7.604	146	47412	8.528	ng		97
13) 1,4-Dichlorobenzene	7.746	146	49469	8.774	ng		97
14) 1,2-Dichlorobenzene	8.057	146	47143	8.711	ng		96
15) Benzyl Alcohol	7.946	79	35355	8.623	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.228	45	40320	9.451	ng		96
17) 2-Methylphenol	8.146	107	30223	8.425	ng		94
18) Hexachloroethane	8.781	117	16982	8.191	ng		88
19) n-Nitroso-di-n-propyla...	8.504	70	29285	8.813	ng		99
20) 3+4-Methylphenols	8.469	107	40766	8.050	ng		99
22) Acetophenone	8.522	105	64790	9.287	ng	#	99
24) Nitrobenzene	8.893	77	49180	8.960	ng		99
25) Isophorone	9.416	82	77198	8.663	ng		99
26) 2-Nitrophenol	9.598	139	18648	7.770	ng		94
27) 2,4-Dimethylphenol	9.657	122	23537	8.470	ng		97
28) bis(2-Chloroethoxy)met...	9.893	93	45317	8.482	ng		96
29) 2,4-Dichlorophenol	10.128	162	38343	8.129	ng		98
30) 1,2,4-Trichlorobenzene	10.334	180	49529	8.430	ng		99
31) Naphthalene	10.528	128	121910	8.543	ng		99
32) Benzoic acid	9.734	122	20128m	6.195	ng		
33) 4-Chloroaniline	10.628	127	46632	9.059	ng		97
34) Hexachlorobutadiene	10.816	225	37815	8.227	ng		95
35) Caprolactam	11.398	113	10487	7.471	ng	#	87
36) 4-Chloro-3-methylphenol	11.751	107	40220	7.948	ng		98
37) 2-Methylnaphthalene	12.140	142	87460	8.377	ng		98
38) 1-Methylnaphthalene	12.351	142	82951	8.047	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	63950	8.760	ng		98
41) Hexachlorocyclopentadiene	12.492	237	26718	9.850	ng		98
43) 2,4,6-Trichlorophenol	12.751	196	34578	7.717	ng		98

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44) 2,4,5-Trichlorophenol	12.822	196	39259	7.810	ng		94
46) 1,1'-Biphenyl	13.157	154	128631	9.041	ng		99
47) 2-Chloronaphthalene	13.198	162	99482	8.647	ng		99
48) 2-Nitroaniline	13.398	65	24620	7.837	ng		98
49) Acenaphthylene	14.051	152	146373	9.017	ng		99
50) Dimethylphthalate	13.781	163	130445	8.619	ng		99
51) 2,6-Dinitrotoluene	13.904	165	25301	7.502	ng		96
52) Acenaphthene	14.398	154	87166	8.250	ng		98
53) 3-Nitroaniline	14.234	138	23642	7.866	ng	#	92
54) 2,4-Dinitrophenol	14.439	184	13085	6.622	ng		92
55) Dibenzofuran	14.739	168	157136	8.848	ng		99
56) 4-Nitrophenol	14.557	139	19491	7.450	ng		96
57) 2,4-Dinitrotoluene	14.698	165	36026	7.557	ng		96
58) Fluorene	15.392	166	127117	8.572	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	40382	8.324	ng		99
60) Diethylphthalate	15.163	149	129235	8.403	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	72918	8.446	ng		97
62) 4-Nitroaniline	15.422	138	25683	7.771	ng		98
63) Azobenzene	15.698	77	109181	8.579	ng		99
65) 4,6-Dinitro-2-methylph...	15.469	198	21943	7.310	ng		93
66) n-Nitrosodiphenylamine	15.604	169	108875	8.443	ng		97
67) 4-Bromophenyl-phenylether	16.298	248	50379	8.345	ng		99
68) Hexachlorobenzene	16.422	284	62033	8.242	ng		99
69) Atrazine	16.580	200	45660	9.883	ng		98
70) Pentachlorophenol	16.769	266	34605	6.834	ng		98
71) Phenanthrene	17.163	178	214558	8.631	ng		99
72) Anthracene	17.263	178	212279	8.821	ng		99
73) Carbazole	17.551	167	195256	8.401	ng		99
74) Di-n-butylphthalate	18.139	149	206060	7.548	ng		100
75) Fluoranthene	19.257	202	287956	8.299	ng		100
77) Benzidine	19.445	184	130263	16.180	ng		97
78) Pyrene	19.633	202	309390	7.763	ng		99
80) Butylbenzylphthalate	20.580	149	100917	7.100	ng		95
81) Benzo(a)anthracene	21.533	228	361325	8.536	ng		98
82) 3,3'-Dichlorobenzidine	21.457	252	127065	8.273	ng		100
83) Chrysene	21.598	228	352208	8.837	ng		100
84) Bis(2-ethylhexyl)phtha...	21.480	149	148253	7.106	ng		100
85) Di-n-octyl phthalate	22.739	149	238449	6.730	ng		99
87) Indeno(1,2,3-cd)pyrene	28.562	276	470162	8.703	ng		100
88) Benzo(b)fluoranthene	23.798	252	381745	7.947	ng		99
89) Benzo(k)fluoranthene	23.874	252	386111	8.493	ng		100
90) Benzo(a)pyrene	24.686	252	349061	8.435	ng		100
91) Dibenzo(a,h)anthracene	28.639	278	385526	8.647	ng		100
92) Benzo(g,h,i)perylene	29.721	276	365401	8.000	ng		100

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

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