Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021966.D
Acq On : 20 Sep 2024 14:06
Operator : RC/JU
Sample : P2403-08
Misc : LOQ--WATER- 10 ppm
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 20 14:58:15 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	7.669	152	82828	20.000	ng	-0.05
21) Naphthalene-d8	10.446	136	308758	20.000	ng	-0.03
39) Acenaphthene-d10	14.316	164	228754	20.000	ng	-0.01
64) Phenanthrene-d10	17.122	188	546736	20.000	ng	-0.02
76) Chrysene-d12	21.574	240	648454	20.000	ng	0.01
86) Perylene-d12	24.868	264	754245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	541656	122.896	ng	-0.04
7) Phenol-d6	6.852	99	683892	119.527	ng	-0.05
23) Nitrobenzene-d5	8.816	82	515140	88.282	ng	-0.04
42) 2,4,6-Tribromophenol	15.834	330	549801	129.644	ng	-0.02
45) 2-Fluorobiphenyl	12.922	172	1363458	87.007	ng	-0.02
79) Terphenyl-d14	19.863	244	2892312	83.786	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	20202	11.039	ng	98
3) Pyridine	3.640	79	44135	9.042	ng	96
4) n-Nitrosodimethylamine	3.540	42	26944	10.464	ng	92
6) Aniline	7.010	93	62692	12.469	ng	97
8) 2-Chlorophenol	7.246	128	50025	10.615	ng	98
9) Benzaldehyde	6.828	77	45989m	15.372	ng	
10) Phenol	6.875	94	57457	10.111	ng	95
11) bis(2-Chloroethyl)ether	7.099	93	45617	10.656	ng	97
12) 1,3-Dichlorobenzene	7.563	146	60422	10.155	ng	99
13) 1,4-Dichlorobenzene	7.705	146	62529	10.362	ng	98
14) 1,2-Dichlorobenzene	8.022	146	58566	10.112	ng	96
15) Benzyl Alcohol	7.905	79	46046	10.494	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.187	45	52565	11.513	ng	96
17) 2-Methylphenol	8.110	107	38353	9.990	ng	97
18) Hexachloroethane	8.746	117	22985	10.359	ng	97
19) n-Nitroso-di-n-propyla...	8.469	70	38705	10.883	ng	95
20) 3+4-Methylphenols	8.434	107	53950	9.955	ng	98
22) Acetophenone	8.487	105	83384	11.071	ng	99
24) Nitrobenzene	8.857	77	63359	10.692	ng	98
25) Isophorone	9.387	82	101459	10.546	ng	98
26) 2-Nitrophenol	9.563	139	23761	9.171	ng	96
27) 2,4-Dimethylphenol	9.628	122	31031	10.343	ng	91
28) bis(2-Chloroethoxy)met...	9.857	93	61763	10.708	ng	98
29) 2,4-Dichlorophenol	10.099	162	49394	9.700	ng	96
30) 1,2,4-Trichlorobenzene	10.310	180	62488	9.852	ng	98
31) Naphthalene	10.493	128	158367	10.279	ng	100
32) Benzoic acid	9.704	122	28222m	8.046	ng	
33) 4-Chloroaniline	10.604	127	60638	10.912	ng	98
34) Hexachlorobutadiene	10.781	225	48788	9.832	ng	99
35) Caprolactam	11.375	113	13815	9.116	ng	98
36) 4-Chloro-3-methylphenol	11.728	107	52365	9.585	ng	99
37) 2-Methylnaphthalene	12.104	142	114680	10.174	ng	99
38) 1-Methylnaphthalene	12.328	142	108032	9.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.481	216	82877	10.355	ng	99
41) Hexachlorocyclopentadiene	12.463	237	35953	12.091	ng	99
43) 2,4,6-Trichlorophenol	12.722	196	49153	10.006	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	51089	9.271	ng		97
46) 1,1'-Biphenyl	13.122	154	168222	10.785	ng		99
47) 2-Chloronaphthalene	13.169	162	129326	10.254	ng		98
48) 2-Nitroaniline	13.369	65	32473	9.430	ng		95
49) Acenaphthylene	14.028	152	199717	11.223	ng		98
50) Dimethylphthalate	13.757	163	178173	10.739	ng		99
51) 2,6-Dinitrotoluene	13.875	165	34726	9.393	ng	#	83
52) Acenaphthene	14.381	154	116149	10.028	ng		96
53) 3-Nitroaniline	14.216	138	31455	9.547	ng		98
54) 2,4-Dinitrophenol	14.422	184	17220	7.950	ng		98
55) Dibenzofuran	14.722	168	208769	10.724	ng		97
56) 4-Nitrophenol	14.534	139	25591	8.923	ng		99
57) 2,4-Dinitrotoluene	14.687	165	46288	8.857	ng	#	99
58) Fluorene	15.381	166	164190	10.099	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.951	232	53065	9.978	ng		100
60) Diethylphthalate	15.145	149	172356	10.223	ng		98
61) 4-Chlorophenyl-phenyle...	15.381	204	95679	10.109	ng		97
62) 4-Nitroaniline	15.398	138	33782	9.324	ng		93
63) Azobenzene	15.681	77	150114	10.760	ng		98
65) 4,6-Dinitro-2-methylph...	15.463	198	27457	8.664	ng		98
66) n-Nitrosodiphenylamine	15.598	169	145976	10.723	ng		96
67) 4-Bromophenyl-phenylether	16.292	248	65718	10.311	ng		98
68) Hexachlorobenzene	16.416	284	81752	10.288	ng		95
69) Atrazine	16.569	200	61851	12.681	ng		99
70) Pentachlorophenol	16.769	266	46932	8.779	ng		94
71) Phenanthrene	17.163	178	280425	10.685	ng		99
72) Anthracene	17.251	178	272568	10.729	ng		98
73) Carbazole	17.539	167	251641	10.255	ng		99
74) Di-n-butylphthalate	18.139	149	283426	9.834	ng		99
75) Fluoranthene	19.257	202	364767	9.957	ng		100
77) Benzidine	19.457	184	168119	21.215	ng		98
78) Pyrene	19.639	202	389121	9.920	ng		100
80) Butylbenzylphthalate	20.598	149	129168	9.232	ng		98
81) Benzo(a)anthracene	21.551	228	437839	10.508	ng		99
82) 3,3'-Dichlorobenzidine	21.469	252	149694	9.902	ng		98
83) Chrysene	21.616	228	409455	10.437	ng		99
84) Bis(2-ethylhexyl)phtha...	21.498	149	195513	9.521	ng		99
85) Di-n-octyl phthalate	22.757	149	310904	8.914	ng		100
87) Indeno(1,2,3-cd)pyrene	28.603	276	512633	10.219	ng		99
88) Benzo(b)fluoranthene	23.827	252	442651m	9.923	ng		
89) Benzo(k)fluoranthene	23.892	252	453924	10.753	ng		99
90) Benzo(a)pyrene	24.715	252	409461	10.656	ng		99
91) Dibenzo(a,h)anthracene	28.674	278	427234	10.319	ng	#	97
92) Benzo(g,h,i)perylene	29.739	276	402015	9.479	ng		98

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

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