Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
Data File : BP022932.D
Acq On : 08 Nov 2024 13:28
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 08 13:57:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:36:11 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	53633	20.000	ng		0.00
21) Naphthalene-d8	10.346	136	206459	20.000	ng		0.00
39) Acenaphthene-d10	14.216	164	169404	20.000	ng		0.00
64) Phenanthrene-d10	17.016	188	433458	20.000	ng		0.00
76) Chrysene-d12	21.463	240	529887	20.000	ng		0.00
86) Perylene-d12	24.704	264	639280	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	291582	103.175	ng		0.00
7) Phenol-d6	6.793	99	397743	100.919	ng		0.00
23) Nitrobenzene-d5	8.734	82	318960	72.987	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	337931	102.915	ng		0.00
45) 2-Fluorobiphenyl	12.816	172	848893	71.601	ng		0.00
79) Terphenyl-d14	19.763	244	1908413	67.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	11287	10.003	ng		98
3) Pyridine	3.587	79	23856	7.700	ng		97
4) n-Nitrosodimethylamine	3.493	42	13104	8.774	ng	#	96
6) Aniline	6.940	93	36541	11.122	ng		97
8) 2-Chlorophenol	7.175	128	26862	9.068	ng		92
9) Benzaldehyde	6.763	77	26971m	11.841	ng		
10) Phenol	6.816	94	34360	8.803	ng		85
11) bis(2-Chloroethyl)ether	7.028	93	26291	8.915	ng		98
12) 1,3-Dichlorobenzene	7.487	146	31905	8.440	ng		95
13) 1,4-Dichlorobenzene	7.628	146	33394	8.650	ng		97
14) 1,2-Dichlorobenzene	7.934	146	31878	8.541	ng		93
15) Benzyl Alcohol	7.852	79	22309	7.473	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.104	45	29464	9.209	ng		95
17) 2-Methylphenol	8.046	107	21023	7.935	ng		87
18) Hexachloroethane	8.640	117	12025	8.420	ng		98
19) n-Nitroso-di-n-propyla...	8.381	70	24078	8.926	ng		94
20) 3+4-Methylphenols	8.369	107	29792	8.045	ng		94
22) Acetophenone	8.404	105	47902	8.717	ng		96
24) Nitrobenzene	8.775	77	38484	8.669	ng		98
25) Isophorone	9.299	82	63424	8.575	ng		99
26) 2-Nitrophenol	9.481	139	13923	7.638	ng		96
27) 2,4-Dimethylphenol	9.551	122	14498	6.965	ng		89
28) bis(2-Chloroethoxy)met...	9.763	93	35770	8.514	ng	#	98
29) 2,4-Dichlorophenol	10.034	162	28024	7.778	ng		96
30) 1,2,4-Trichlorobenzene	10.204	180	37618	8.167	ng		97
31) Naphthalene	10.393	128	86437	8.356	ng		99
32) Benzoic acid	9.675	122	29707m	11.885	ng		
33) 4-Chloroaniline	10.522	127	32428	8.807	ng		97
34) Hexachlorobutadiene	10.669	225	27042	8.004	ng		96
35) Caprolactam	11.298	113	7980m	7.398	ng		
36) 4-Chloro-3-methylphenol	11.651	107	31891	7.939	ng		99
37) 2-Methylnaphthalene	12.010	142	64986	8.388	ng		98
38) 1-Methylnaphthalene	12.216	142	61228m	7.962	ng		
40) 1,2,4,5-Tetrachloroben...	12.387	216	49004	8.545	ng		99
41) Hexachlorocyclopentadiene	12.351	237	11027	6.846	ng		89
43) 2,4,6-Trichlorophenol	12.640	196	28884	7.919	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	31239	7.524	ng		92
46) 1,1'-Biphenyl	13.028	154	99467	8.833	ng		100
47) 2-Chloronaphthalene	13.075	162	76680	8.205	ng		96
48) 2-Nitroaniline	13.298	65	20598	7.565	ng		98
49) Acenaphthylene	13.934	152	116167	8.901	ng		99
50) Dimethylphthalate	13.657	163	104258	8.406	ng		99
51) 2,6-Dinitrotoluene	13.792	165	21576	7.651	ng		88
52) Acenaphthene	14.281	154	69768	8.313	ng		97
53) 3-Nitroaniline	14.139	138	17974	7.844	ng		84
54) 2,4-Dinitrophenol	14.363	184	10757	6.147	ng		94
55) Dibenzofuran	14.628	168	124758	8.465	ng		97
56) 4-Nitrophenol	14.504	139	12446	6.604	ng		90
57) 2,4-Dinitrotoluene	14.616	165	30555	7.494	ng	#	97
58) Fluorene	15.286	166	100852	8.236	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.857	232	32434	8.099	ng		97
60) Diethylphthalate	15.051	149	102101	8.277	ng		100
61) 4-Chlorophenyl-phenyle...	15.281	204	58679	8.131	ng		98
62) 4-Nitroaniline	15.333	138	17248	7.336	ng		97
63) Azobenzene	15.575	77	89757	8.462	ng		98
65) 4,6-Dinitro-2-methylph...	15.392	198	28728	10.894	ng		98
66) n-Nitrosodiphenylamine	15.492	169	90106	8.408	ng		98
67) 4-Bromophenyl-phenylether	16.186	248	42794	8.231	ng		95
68) Hexachlorobenzene	16.304	284	54541	8.190	ng		91
69) Atrazine	16.475	200	38387	10.627	ng		100
70) Pentachlorophenol	16.680	266	29464	6.928	ng		95
71) Phenanthrene	17.063	178	175185	8.351	ng		99
72) Anthracene	17.169	178	168815	8.385	ng		99
73) Carbazole	17.457	167	157060	8.168	ng		98
74) Di-n-butylphthalate	18.027	149	163485	7.629	ng		99
75) Fluoranthene	19.157	202	234363	8.054	ng		98
77) Benzidine	19.374	184	98231	9.382	ng		97
78) Pyrene	19.539	202	247161	7.880	ng		99
80) Butylbenzylphthalate	20.492	149	78496	7.340	ng		97
81) Benzo(a)anthracene	21.445	228	278378	8.442	ng		98
82) 3,3'-Dichlorobenzidine	21.368	252	105189	7.880	ng		99
83) Chrysene	21.510	228	264260	8.556	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	115422	7.520	ng		98
85) Di-n-octyl phthalate	22.604	149	194691	7.591	ng		99
87) Indeno(1,2,3-cd)pyrene	28.386	276	374941	8.696	ng	#	95
88) Benzo(b)fluoranthene	23.674	252	301032m	8.015	ng		
89) Benzo(k)fluoranthene	23.751	252	307440	8.669	ng		100
90) Benzo(a)pyrene	24.557	252	275881	8.585	ng		100
91) Dibenzo(a,h)anthracene	28.450	278	308319	8.720	ng		97
92) Benzo(g,h,i)perylene	29.527	276	284561m	7.854	ng		

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

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