Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
Data File : BP013481.D
Acq On : 16 Jan 2023 14:47
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 17 03:45:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	457333	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1915040	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1330509	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	3068952	20.000	ng		0.00
76) Chrysene-d12	21.404	240	3216622	20.000	ng		0.00
86) Perylene-d12	23.868	264	3744373	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	4260970	163.664	ng		0.00
7) Phenol-d6	7.069	99	5930988	161.164	ng		0.00
23) Nitrobenzene-d5	9.075	82	3230696	89.627	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	3439215	165.597	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	8339157	91.623	ng		0.00
79) Terphenyl-d14	19.869	244	12814411	81.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	53761	5.266	ng		97
3) Pyridine	3.752	79	145618	4.575	ng		99
4) n-Nitrosodimethylamine	3.658	42	77475	5.076	ng	#	96
6) Aniline	7.228	93	243323	4.948	ng		99
8) 2-Chlorophenol	7.463	128	152285	5.054	ng		95
9) Benzaldehyde	7.046	77	136517m	6.145	ng		
10) Phenol	7.093	94	193108	5.084	ng		88
11) bis(2-Chloroethyl)ether	7.328	93	153580	4.988	ng		100
12) 1,3-Dichlorobenzene	7.793	146	168800	5.318	ng		99
13) 1,4-Dichlorobenzene	7.940	146	173095	5.350	ng		98
14) 1,2-Dichlorobenzene	8.257	146	169095	5.350	ng		99
15) Benzyl Alcohol	8.146	79	133764	4.717	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	245077	5.145	ng		98
17) 2-Methylphenol	8.352	107	127649	4.539	ng		97
18) Hexachloroethane	8.987	117	58239	5.083	ng		99
19) n-Nitroso-di-n-propyla...	8.710	70	131030	4.988	ng		97
20) 3+4-Methylphenols	8.681	107	171650	4.394	ng		96
22) Acetophenone	8.734	105	250861	5.115	ng	#	98
24) Nitrobenzene	9.116	77	194368	5.213	ng		99
25) Isophorone	9.640	82	355829	4.796	ng		99
26) 2-Nitrophenol	9.828	139	82789	4.492	ng		93
27) 2,4-Dimethylphenol	9.887	122	144497	4.762	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	219949	5.026	ng		98
29) 2,4-Dichlorophenol	10.363	162	149103	4.683	ng		95
30) 1,2,4-Trichlorobenzene	10.575	180	172445	5.118	ng		98
31) Naphthalene	10.763	128	506673	5.003	ng		99
32) Benzoic acid	9.963	122	89745	3.546	ng		96
33) 4-Chloroaniline	10.881	127	208584	4.509	ng		99
34) Hexachlorobutadiene	11.045	225	110859	5.219	ng		99
35) Caprolactam	11.669	113	51225	4.515	ng		92
36) 4-Chloro-3-methylphenol	12.004	107	162927	4.696	ng		99
37) 2-Methylnaphthalene	12.375	142	365333	4.805	ng		99
38) 1-Methylnaphthalene	12.592	142	354957	4.949	ng		98
40) 1,2,4,5-Tetrachloroben...	12.740	216	219556	5.034	ng		100
41) Hexachlorocyclopentadiene	12.716	237	98263	4.321	ng		96
43) 2,4,6-Trichlorophenol	12.987	196	135951	4.534	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.057	196	146082	4.152	ng	99
46)	1,1'-Biphenyl	13.381	154	521115	5.180	ng	99
47)	2-Chloronaphthalene	13.428	162	390848	5.066	ng	98
48)	2-Nitroaniline	13.634	65	102769	4.047	ng	95
49)	Acenaphthylene	14.275	152	638706	5.020	ng	98
50)	Dimethylphthalate	14.004	163	514912	4.880	ng	99
51)	2,6-Dinitrotoluene	14.128	165	101889	4.427	ng	91
52)	Acenaphthene	14.616	154	370024	4.914	ng	98
53)	3-Nitroaniline	14.463	138	100350	4.075	ng	96
54)	2,4-Dinitrophenol	14.675	184	49655	3.175	ng	100
55)	Dibenzofuran	14.951	168	628609	5.035	ng	98
56)	4-Nitrophenol	14.775	139	78928	3.989	ng	94
57)	2,4-Dinitrotoluene	14.922	165	130696	4.153	ng	93
58)	Fluorene	15.604	166	497857	5.053	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.181	232	135158	4.442	ng	99
60)	Diethylphthalate	15.369	149	498162	4.825	ng	99
61)	4-Chlorophenyl-phenyle...	15.592	204	267592	5.114	ng	99
62)	4-Nitroaniline	15.628	138	94503	3.749	ng	98
63)	Azobenzene	15.892	77	442044	4.663	ng	99
65)	4,6-Dinitro-2-methylph...	15.686	198	73149	3.485	ng	90
66)	n-Nitrosodiphenylamine	15.810	169	435633	4.831	ng	98
67)	4-Bromophenyl-phenylether	16.492	248	166443	4.711	ng	98
68)	Hexachlorobenzene	16.610	284	199400	5.183	ng	99
69)	Atrazine	16.769	200	161596	4.893	ng	98
70)	Pentachlorophenol	16.963	266	105438	3.739	ng	97
71)	Phenanthrene	17.351	178	827088	5.108	ng	99
72)	Anthracene	17.445	178	799986	4.855	ng	99
73)	Carbazole	17.722	167	734466	4.894	ng	98
74)	Di-n-butylphthalate	18.257	149	821840	4.718	ng	99
75)	Fluoranthene	19.322	202	997291	5.127	ng	98
77)	Benzidine	19.504	184	417934	4.373	ng	100
78)	Pyrene	19.674	202	1063324	5.026	ng	98
80)	Butylbenzylphthalate	20.539	149	380670	4.163	ng	92
81)	Benzo(a)anthracene	21.386	228	1135171	5.240	ng	98
82)	3,3'-Dichlorobenzidine	21.321	252	410318	5.070	ng	99
83)	Chrysene	21.439	228	1041504	5.089	ng	98
84)	Bis(2-ethylhexyl)phtha...	21.298	149	600112	4.535	ng	98
85)	Di-n-octyl phthalate	22.239	149	1043583	4.645	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.427	276	1265552	4.674	ng	100
88)	Benzo(b)fluoranthene	23.110	252	1155911	5.199	ng	99
89)	Benzo(k)fluoranthene	23.157	252	1135479	5.262	ng	100
90)	Benzo(a)pyrene	23.751	252	1116453	5.112	ng	99
91)	Dibenzo(a,h)anthracene	26.445	278	1105945	4.905	ng	99
92)	Benzo(g,h,i)perylene	27.221	276	1094222	4.919	ng	96

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

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