Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031323\
Data File : BP014068.D
Acq On : 13 Mar 2023 17:59
Operator : CG/JU
Sample : 01627-08
Misc : LOQ-WATER-5ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 04:20:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	160667	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	564444	20.000	ng	#	0.00
39) Acenaphthene-d10	14.716	164	331505	20.000	ng		0.00
64) Phenanthrene-d10	17.469	188	664135	20.000	ng	#	0.00
76) Chrysene-d12	21.545	240	547113	20.000	ng		0.00
86) Perylene-d12	24.080	264	531068	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.616	112	1034920	104.463	ng		0.00
7) Phenol-d6	7.228	99	1336828	102.776	ng		0.00
23) Nitrobenzene-d5	9.252	82	967338	78.330	ng		0.00
42) 2,4,6-Tribromophenol	16.204	330	505209	93.995	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	1964197	76.764	ng		0.00
79) Terphenyl-d14	20.004	244	2473963	74.563	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	19955	4.636	ng		93
3) Pyridine	3.899	79	53685m	4.492	ng		
4) n-Nitrosodimethylamine	3.799	42	26775	5.047	ng	#	98
6) Aniline	7.399	93	89203	5.221	ng		94
8) 2-Chlorophenol	7.634	128	55594	5.239	ng		93
9) Benzaldehyde	7.210	77	46396	7.128	ng		98
10) Phenol	7.257	94	73843	5.455	ng		99
11) bis(2-Chloroethyl)ether	7.493	93	58901	5.495	ng		95
12) 1,3-Dichlorobenzene	7.963	146	64274	5.512	ng		97
13) 1,4-Dichlorobenzene	8.110	146	66510	5.638	ng		95
14) 1,2-Dichlorobenzene	8.434	146	64207	5.683	ng		98
15) Benzyl Alcohol	8.322	79	50546	4.766	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.599	45	71982	6.168	ng		96
17) 2-Methylphenol	8.522	107	46366	4.802	ng		98
18) Hexachloroethane	9.163	117	23519	5.307	ng		98
19) n-Nitroso-di-n-propyla...	8.887	70	44345	5.180	ng		95
20) 3+4-Methylphenols	8.852	107	58419	4.493	ng		98
22) Acetophenone	8.910	105	69743	4.405	ng	#	98
24) Nitrobenzene	9.293	77	73380	5.807	ng		99
25) Isophorone	9.816	82	113943	5.007	ng		97
26) 2-Nitrophenol	10.010	139	25284	4.600	ng		91
27) 2,4-Dimethylphenol	10.057	122	46720	5.228	ng		97
28) bis(2-Chloroethoxy)met...	10.299	93	73243	5.561	ng		97
29) 2,4-Dichlorophenol	10.551	162	47123	4.817	ng		98
30) 1,2,4-Trichlorobenzene	10.757	180	61319	5.521	ng		99
31) Naphthalene	10.951	128	172310	5.556	ng		98
32) Benzoic acid	10.157	122	9457m	3.906	ng		
33) 4-Chloroaniline	11.069	127	64535	4.854	ng		97
34) Hexachlorobutadiene	11.228	225	41710	5.165	ng		98
35) Caprolactam	11.845	113	9010m	3.218	ng		
36) 4-Chloro-3-methylphenol	12.175	107	52333	4.797	ng		98
37) 2-Methylnaphthalene	12.545	142	116468	5.090	ng		97
38) 1-Methylnaphthalene	12.769	142	106558	4.996	ng		94
40) 1,2,4,5-Tetrachloroben...	12.910	216	55435	4.387	ng		98
41) Hexachlorocyclopentadiene	12.887	237	37478	4.726	ng		98
43) 2,4,6-Trichlorophenol	13.151	196	38952	4.877	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.228	196	42121	4.551	ng		97
46)	1,1'-Biphenyl	13.545	154	124216	4.655	ng		99
47)	2-Chloronaphthalene	13.592	162	119088	5.797	ng		99
48)	2-Nitroaniline	13.804	65	28786	4.618	ng		98
49)	Acenaphthylene	14.439	152	168802	5.167	ng		100
50)	Dimethylphthalate	14.163	163	143789	5.258	ng		99
51)	2,6-Dinitrotoluene	14.287	165	26728	4.641	ng		96
52)	Acenaphthene	14.775	154	108089	5.497	ng		99
53)	3-Nitroaniline	14.628	138	24576	4.354	ng		97
54)	2,4-Dinitrophenol	14.834	184	10861	5.524	ng		89
55)	Dibenzofuran	15.110	168	180827	5.641	ng		98
56)	4-Nitrophenol	14.939	139	15713	3.419	ng	#	85
57)	2,4-Dinitrotoluene	15.075	165	32215	4.185	ng	#	96
58)	Fluorene	15.763	166	138188	5.429	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.339	232	36747	4.551	ng		94
60)	Diethylphthalate	15.522	149	134247	4.972	ng		99
61)	4-Chlorophenyl-phenyle...	15.751	204	75055	5.201	ng		97
62)	4-Nitroaniline	15.786	138	22605	4.022	ng	#	85
63)	Azobenzene	16.045	77	127317	5.095	ng		97
65)	4,6-Dinitro-2-methylph...	15.839	198	16992	3.454	ng		94
66)	n-Nitrosodiphenylamine	15.963	169	114032	5.434	ng		98
67)	4-Bromophenyl-phenylether	16.651	248	43343	4.934	ng		97
68)	Hexachlorobenzene	16.769	284	51717	5.492	ng		98
69)	Atrazine	16.916	200	29491	4.003	ng		96
70)	Pentachlorophenol	17.122	266	24947m	3.674	ng		
71)	Phenanthrene	17.510	178	208317	5.615	ng		99
72)	Anthracene	17.604	178	197699	5.215	ng		100
73)	Carbazole	17.869	167	167082	5.109	ng		98
74)	Di-n-butylphthalate	18.398	149	182008	4.452	ng		99
75)	Fluoranthene	19.463	202	214072	4.827	ng		97
77)	Benzidine	19.645	184	68213	7.969	ng		97
78)	Pyrene	19.816	202	227581	5.420	ng		99
80)	Butylbenzylphthalate	20.669	149	67544	4.243	ng		94
81)	Benzo(a)anthracene	21.527	228	208598	5.196	ng		99
82)	3,3'-Dichlorobenzidine	21.457	252	53396	4.157	ng		99
83)	Chrysene	21.586	228	208884	5.495	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.427	149	91507	3.918	ng		98
85)	Di-n-octyl phthalate	22.392	149	140134	3.696	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.751	276	217421	5.299	ng		97
88)	Benzo(b)fluoranthene	23.298	252	191840	5.517	ng	#	97
89)	Benzo(k)fluoranthene	23.351	252	186295	5.403	ng	#	99
90)	Benzo(a)pyrene	23.968	252	157007	4.734	ng	#	95
91)	Dibenzo(a,h)anthracene	26.762	278	180190	5.282	ng	#	95
92)	Benzo(g,h,i)perylene	27.568	276	179330	5.304	ng		98

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

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