Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007987.D
Acq On : 15 Nov 2021 18:12
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 10ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 16 03:16:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	134138	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	539157	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	352933	20.000	ng		0.00
64) Phenanthrene-d10	17.234	188	788273	20.000	ng	#	0.00
76) Chrysene-d12	21.328	240	982452	20.000	ng		0.00
86) Perylene-d12	23.733	264	1151982	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.423	112	945806	114.383	ng		0.00
7) Phenol-d6	7.017	99	1303711	118.516	ng		0.00
23) Nitrobenzene-d5	8.999	82	777461	77.166	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	721460	129.923	ng		0.00
45) 2-Fluorobiphenyl	13.099	172	1964792	78.090	ng		0.00
79) Terphenyl-d14	19.804	244	3065406	63.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	30107	8.652	ng		96
3) Pyridine	3.740	79	73087	7.322	ng		93
4) n-Nitrosodimethylamine	3.640	42	36984	10.031	ng		97
6) Aniline	7.169	93	125316	10.088	ng		96
8) 2-Chlorophenol	7.405	128	83155	9.512	ng		98
9) Benzaldehyde	6.975	77	67723m	8.209	ng		
10) Phenol	7.040	94	101119	9.475	ng		91
11) bis(2-Chloroethyl)ether	7.264	93	79694	9.086	ng		96
12) 1,3-Dichlorobenzene	7.728	146	94992	9.663	ng		99
13) 1,4-Dichlorobenzene	7.875	146	96677	9.673	ng		97
14) 1,2-Dichlorobenzene	8.193	146	92707	9.186	ng		97
15) Benzyl Alcohol	8.081	79	76463	9.190	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	93629	7.731	ng		99
17) 2-Methylphenol	8.287	107	69230	9.419	ng		98
18) Hexachloroethane	8.916	117	32292	9.528	ng	#	86
19) n-Nitroso-di-n-propyla...	8.646	70	63877	9.328	ng		95
20) 3+4-Methylphenols	8.616	107	92158	9.048	ng		97
22) Acetophenone	8.664	105	126738	9.241	ng	#	96
24) Nitrobenzene	9.040	77	97137	10.088	ng		98
25) Isophorone	9.569	82	163529	9.332	ng		95
26) 2-Nitrophenol	9.752	139	42331	8.611	ng	#	93
27) 2,4-Dimethylphenol	9.816	122	77105	10.619	ng		93
28) bis(2-Chloroethoxy)met...	10.052	93	105455	9.069	ng		98
29) 2,4-Dichlorophenol	10.293	162	81929	9.166	ng		96
30) 1,2,4-Trichlorobenzene	10.499	180	97845	9.567	ng		98
31) Naphthalene	10.687	128	268600	9.756	ng		98
32) Benzoic acid	9.911	122	31033m	4.946	ng		
33) 4-Chloroaniline	10.799	127	113320	9.583	ng		97
34) Hexachlorobutadiene	10.981	225	68065	9.740	ng		98
35) Caprolactam	11.581	113	23647	12.046	ng		98
36) 4-Chloro-3-methylphenol	11.928	107	92064	9.115	ng		95
37) 2-Methylnaphthalene	12.299	142	201054	9.993	ng		97
38) 1-Methylnaphthalene	12.516	142	187058	9.532	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	113516	9.653	ng		99
41) Hexachlorocyclopentadiene	12.652	237	51647	11.440	ng		98
43) 2,4,6-Trichlorophenol	12.910	196	72632	9.039	ng		99

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44)	2,4,5-Trichlorophenol	12.987	196	79141	9.064	ng		98
46)	1,1'-Biphenyl	13.310	154	234684	8.903	ng		97
47)	2-Chloronaphthalene	13.352	162	192535	9.337	ng		99
48)	2-Nitroaniline	13.557	65	51037	8.720	ng		97
49)	Acenaphthylene	14.199	152	297872	9.496	ng		99
50)	Dimethylphthalate	13.934	163	249617	8.940	ng		100
51)	2,6-Dinitrotoluene	14.051	165	52444	9.041	ng		98
52)	Acenaphthene	14.540	154	179990	9.586	ng		98
53)	3-Nitroaniline	14.381	138	51526	8.712	ng	#	95
54)	2,4-Dinitrophenol	14.599	184	23558	6.729	ng	#	91
55)	Dibenzofuran	14.875	168	305979	9.583	ng		98
56)	4-Nitrophenol	14.704	139	38474	7.982	ng		93
57)	2,4-Dinitrotoluene	14.846	165	70728	9.160	ng	#	91
58)	Fluorene	15.528	166	241064	9.489	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.104	232	70903m	8.916	ng		
60)	Diethylphthalate	15.304	149	250411	9.304	ng		99
61)	4-Chlorophenyl-phenyle...	15.522	204	134351	9.778	ng		100
62)	4-Nitroaniline	15.546	138	53604	8.819	ng		95
63)	Azobenzene	15.816	77	211468	9.333	ng		96
65)	4,6-Dinitro-2-methylph...	15.616	198	37156	7.192	ng		89
66)	n-Nitrosodiphenylamine	15.740	169	215819	9.565	ng		99
67)	4-Bromophenyl-phenylether	16.422	248	87048	9.442	ng		99
68)	Hexachlorobenzene	16.540	284	101119	9.738	ng	#	92
69)	Atrazine	16.698	200	83529	14.199	ng		98
70)	Pentachlorophenol	16.887	266	56171	8.871	ng		97
71)	Phenanthrene	17.275	178	400933	9.547	ng		100
72)	Anthracene	17.369	178	401452	9.751	ng		99
73)	Carbazole	17.640	167	366567	9.042	ng		99
74)	Di-n-butylphthalate	18.198	149	412040	8.981	ng		100
75)	Fluoranthene	19.245	202	512775	9.644	ng		97
77)	Benzidine	19.428	184	278657	18.486	ng		99
78)	Pyrene	19.598	202	543738	9.255	ng		99
80)	Butylbenzylphthalate	20.481	149	197846	8.156	ng		96
81)	Benzo(a)anthracene	21.310	228	590415	9.129	ng		100
82)	3,3'-Dichlorobenzidine	21.245	252	226787	7.597	ng		98
83)	Chrysene	21.363	228	589553	9.510	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.245	149	319408	9.222	ng	#	97
85)	Di-n-octyl phthalate	22.169	149	555624	8.705	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.239	276	807556	9.709	ng	#	94
88)	Benzo(b)fluoranthene	22.998	252	662560	9.662	ng		97
89)	Benzo(k)fluoranthene	23.045	252	659174m	9.623	ng		
90)	Benzo(a)pyrene	23.627	252	652008	11.117	ng	#	97
91)	Dibenzo(a,h)anthracene	26.257	278	682560	9.893	ng	#	96
92)	Benzo(g,h,i)perylene	27.004	276	680862	10.011	ng	#	95

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

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