Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012676.D
Acq On : 18 Nov 2022 18:17
Operator : CG/JU
Sample : N4955-07
Misc : LOD-MDL-WATER-4ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 21 03:54:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 03:25:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	232273	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	993726	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	677043	20.000	ng		0.00
64) Phenanthrene-d10	17.433	188	1542434	20.000	ng		0.00
76) Chrysene-d12	21.516	240	1621077	20.000	ng		0.00
86) Perylene-d12	24.045	264	1646795	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1261902	98.185	ng		0.00
7) Phenol-d6	7.187	99	1760242	98.340	ng		0.00
23) Nitrobenzene-d5	9.210	82	1364659	86.344	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	779344	100.586	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	3781434	84.038	ng		0.00
79) Terphenyl-d14	19.980	244	6459651	86.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	18929	3.667	ng		99
3) Pyridine	3.864	79	49415	3.033	ng		97
4) n-Nitrosodimethylamine	3.764	42	23974	3.445	ng	#	59
6) Aniline	7.363	93	81571	3.618	ng		99
8) 2-Chlorophenol	7.599	128	58465	3.684	ng		96
9) Benzaldehyde	7.175	77	57365	5.495	ng		99
10) Phenol	7.210	94	72474	3.594	ng		88
11) bis(2-Chloroethyl)ether	7.463	93	60803	3.785	ng		93
12) 1,3-Dichlorobenzene	7.934	146	69474	3.945	ng		97
13) 1,4-Dichlorobenzene	8.081	146	72579	4.041	ng		97
14) 1,2-Dichlorobenzene	8.399	146	69467	4.031	ng		99
15) Benzyl Alcohol	8.275	79	42219	3.166	ng	#	92
16) 2,2'-oxybis(1-Chloropr...	8.569	45	88198	3.891	ng		98
17) 2-Methylphenol	8.481	107	48605	3.476	ng		91
18) Hexachloroethane	9.140	117	25253	4.208	ng		93
19) n-Nitroso-di-n-propyla...	8.851	70	39145	3.218	ng		93
20) 3+4-Methylphenols	8.804	107	62046	3.167	ng		96
22) Acetophenone	8.869	105	101866	4.107	ng	#	98
24) Nitrobenzene	9.251	77	71832	4.209	ng		99
25) Isophorone	9.775	82	134898	3.794	ng		99
26) 2-Nitrophenol	9.969	139	19342	2.614	ng		97
27) 2,4-Dimethylphenol	10.022	122	52907m	3.788	ng		
28) bis(2-Chloroethoxy)met...	10.263	93	85038	4.206	ng		98
29) 2,4-Dichlorophenol	10.498	162	54080	3.332	ng		95
30) 1,2,4-Trichlorobenzene	10.722	180	69974	4.016	ng		95
31) Naphthalene	10.916	128	214001	3.917	ng		100
32) Benzoic acid	10.051	122	12124m	1.109	ng		
33) 4-Chloroaniline	11.016	127	79130	3.477	ng		99
34) Hexachlorobutadiene	11.204	225	43102	4.187	ng		94
35) Caprolactam	11.769	113	13561m	2.566	ng		
36) 4-Chloro-3-methylphenol	12.122	107	55201	3.168	ng		95
37) 2-Methylnaphthalene	12.516	142	152844	3.912	ng		100
38) 1-Methylnaphthalene	12.734	142	146285	3.810	ng		98
40) 1,2,4,5-Tetrachloroben...	12.875	216	85445	4.327	ng		99
41) Hexachlorocyclopentadiene	12.863	237	33868	4.509	ng		97
43) 2,4,6-Trichlorophenol	13.110	196	43260	3.077	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	51667	3.322	ng		99
46) 1,1'-Biphenyl	13.516	154	215173	4.250	ng		98
47) 2-Chloronaphthalene	13.557	162	159582	3.970	ng		99
48) 2-Nitroaniline	13.751	65	18712	2.326	ng		94
49) Acenaphthylene	14.398	152	250821	3.823	ng		99
50) Dimethylphthalate	14.134	163	188437	3.533	ng		98
51) 2,6-Dinitrotoluene	14.245	165	24272	2.595	ng		93
52) Acenaphthene	14.739	154	155723	3.719	ng		95
53) 3-Nitroaniline	14.569	138	23372	2.182	ng		85
54) 2,4-Dinitrophenol	14.775	184	8577	1.652	ng		91
55) Dibenzofuran	15.075	168	253854	4.016	ng		97
56) 4-Nitrophenol	14.863	139	21452	2.140	ng		90
57) 2,4-Dinitrotoluene	15.028	165	27868	2.240	ng	#	86
58) Fluorene	15.728	166	204245	4.105	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.298	232	44580	3.184	ng		98
60) Diethylphthalate	15.498	149	174503	3.327	ng		100
61) 4-Chlorophenyl-phenyle...	15.722	204	100318	4.195	ng		98
62) 4-Nitroaniline	15.728	138	21434	2.046	ng		89
63) Azobenzene	16.016	77	182662	3.811	ng		98
65) 4,6-Dinitro-2-methylph...	15.786	198	11584	1.529	ng		93
66) n-Nitrosodiphenylamine	15.933	169	158508	3.448	ng		98
67) 4-Bromophenyl-phenylether	16.622	248	54031	3.350	ng		95
68) Hexachlorobenzene	16.728	284	74661	3.992	ng		95
69) Atrazine	16.886	200	35697	2.947	ng		99
70) Pentachlorophenol	17.075	266	33618	2.769	ng		93
71) Phenanthrene	17.475	178	332441	3.800	ng		99
72) Anthracene	17.569	178	321646	3.811	ng		99
73) Carbazole	17.827	167	294553	3.674	ng		99
74) Di-n-butylphthalate	18.386	149	206333	2.469	ng	#	97
75) Fluoranthene	19.433	202	392629	3.788	ng		98
77) Benzidine	19.604	184	52779	2.368	ng		96
78) Pyrene	19.786	202	402744	3.516	ng		97
80) Butylbenzylphthalate	20.657	149	37695	1.823	ng		97
81) Benzo(a)anthracene	21.498	228	408110	3.591	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	51828	1.812	ng		96
83) Chrysene	21.557	228	397904	3.692	ng		97
84) Bis(2-ethylhexyl)phtha...	21.427	149	60773	1.622	ng	#	98
85) Di-n-octyl phthalate	22.404	149	111129	1.402	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.698	276	395609	3.300	ng		99
88) Benzo(b)fluoranthene	23.268	252	384077	3.523	ng		99
89) Benzo(k)fluoranthene	23.321	252	422881	3.904	ng		100
90) Benzo(a)pyrene	23.933	252	329618	3.643	ng		99
91) Dibenzo(a,h)anthracene	26.715	278	359145	3.623	ng		99
92) Benzo(g,h,i)perylene	27.509	276	345724	3.590	ng		99

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

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