Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019511.D
Acq On : 01 Feb 2024 17:34
Operator : MA/JU
Sample : 03572-08
Misc : LOQ-WATER-05PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 01 18:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	85311	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	317543	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	188120	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	366662	20.000	ng		0.00
76) Chrysene-d12	21.392	240	385946	20.000	ng		0.00
86) Perylene-d12	23.815	264	500644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	442459	83.601	ng		0.00
7) Phenol-d6	7.075	99	570250	79.909	ng		-0.01
23) Nitrobenzene-d5	9.081	82	846590	115.524	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	210029	76.466	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1769609	116.290	ng		0.00
79) Terphenyl-d14	19.874	244	2386234	101.679	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	10508	5.153	ng		96
3) Pyridine	3.787	79	22420	4.056	ng		99
4) n-Nitrosodimethylamine	3.711	42	11046	4.589	ng	#	94
6) Aniline	7.240	93	36808	5.308	ng		98
8) 2-Chlorophenol	7.469	128	24119	4.439	ng		96
9) Benzaldehyde	7.058	77	25235	5.044	ng		98
10) Phenol	7.105	94	32880	4.623	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	25663	4.638	ng		95
12) 1,3-Dichlorobenzene	7.799	146	30207	4.543	ng		96
13) 1,4-Dichlorobenzene	7.946	146	30910	4.589	ng		99
14) 1,2-Dichlorobenzene	8.257	146	28920	4.437	ng		98
15) Benzyl Alcohol	8.157	79	25922	4.546	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	25963	4.692	ng		95
17) 2-Methylphenol	8.357	107	20764	4.336	ng		96
18) Hexachloroethane	8.981	117	11703	4.482	ng		88
19) n-Nitroso-di-n-propyla...	8.722	70	21558	4.423	ng		96
20) 3+4-Methylphenols	8.681	107	27622	4.227	ng		99
22) Acetophenone	8.740	105	41617	4.600	ng	#	94
24) Nitrobenzene	9.122	77	33183	4.497	ng		98
25) Isophorone	9.646	82	55595	4.356	ng		98
26) 2-Nitrophenol	9.828	139	12020	4.273	ng		89
27) 2,4-Dimethylphenol	9.893	122	19181	5.332	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	32696	4.528	ng		96
29) 2,4-Dichlorophenol	10.357	162	23724	4.363	ng		97
30) 1,2,4-Trichlorobenzene	10.575	180	29534	4.429	ng		96
31) Naphthalene	10.763	128	78481	4.506	ng		98
32) Benzoic acid	9.946	122	10804m	3.082	ng		
33) 4-Chloroaniline	10.881	127	30829	4.787	ng		95
34) Hexachlorobutadiene	11.040	225	21448	4.341	ng		98
35) Caprolactam	11.646	113	6201m	4.028	ng		
36) 4-Chloro-3-methylphenol	11.998	107	24059	4.057	ng		97
37) 2-Methylnaphthalene	12.375	142	53225	4.416	ng		98
38) 1-Methylnaphthalene	12.593	142	51246	4.327	ng		98
40) 1,2,4,5-Tetrachloroben...	12.734	216	34421	4.744	ng		99
41) Hexachlorocyclopentadiene	12.704	237	18316	5.588	ng		96
43) 2,4,6-Trichlorophenol	12.981	196	18511	4.214	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	20862	4.325	ng		97
46) 1,1'-Biphenyl	13.387	154	71570	4.767	ng		99
47) 2-Chloronaphthalene	13.422	162	58008	4.706	ng		94
48) 2-Nitroaniline	13.634	65	14174	4.113	ng		97
49) Acenaphthylene	14.269	152	84633	4.894	ng		100
50) Dimethylphthalate	14.016	163	64441	4.475	ng	#	97
51) 2,6-Dinitrotoluene	14.134	165	12235	3.867	ng		95
52) Acenaphthene	14.610	154	47929	4.466	ng		99
53) 3-Nitroaniline	14.463	138	11914	4.097	ng		93
54) 2,4-Dinitrophenol	14.669	184	5203	3.167	ng		98
55) Dibenzofuran	14.945	168	80141	4.585	ng		99
56) 4-Nitrophenol	14.763	139	8332	3.496	ng		91
57) 2,4-Dinitrotoluene	14.922	165	14850	3.582	ng		96
58) Fluorene	15.598	166	62254	4.472	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	17800	4.387	ng		98
60) Diethylphthalate	15.381	149	57273	3.998	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	34747	4.441	ng		91
62) 4-Nitroaniline	15.622	138	11345	3.722	ng		91
63) Azobenzene	15.892	77	58586	4.230	ng		97
65) 4,6-Dinitro-2-methylph...	15.675	198	6829	3.266	ng		95
66) n-Nitrosodiphenylamine	15.816	169	50389	4.589	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	20463	4.464	ng		97
68) Hexachlorobenzene	16.592	284	23091	4.314	ng		99
69) Atrazine	16.775	200	17542	4.814	ng		90
70) Pentachlorophenol	16.945	266	12239	3.672	ng		99
71) Phenanthrene	17.345	178	91647	4.749	ng		97
72) Anthracene	17.439	178	89889	4.670	ng		99
73) Carbazole	17.710	167	76838	4.394	ng		98
74) Di-n-butylphthalate	18.280	149	84338	3.989	ng		99
75) Fluoranthene	19.310	202	103381	4.386	ng		98
77) Benzidine	19.504	184	57349	7.107	ng		98
78) Pyrene	19.663	202	109369	4.015	ng		99
80) Butylbenzylphthalate	20.557	149	38645	3.799	ng		95
81) Benzo(a)anthracene	21.380	228	124736	4.591	ng		98
82) 3,3'-Dichlorobenzidine	21.316	252	47911	4.840	ng		95
83) Chrysene	21.433	228	116964	4.535	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	61217	3.952	ng		98
85) Di-n-octyl phthalate	22.274	149	112031	4.111	ng		99
87) Indeno(1,2,3-cd)pyrene	26.339	276	172625	4.505	ng		98
88) Benzo(b)fluoranthene	23.074	252	142589	4.519	ng	#	98
89) Benzo(k)fluoranthene	23.121	252	124177	4.120	ng		97
90) Benzo(a)pyrene	23.704	252	124415	4.431	ng		99
91) Dibenzo(a,h)anthracene	26.374	278	143264	4.545	ng		98
92) Benzo(g,h,i)perylene	27.115	276	138472	4.331	ng		99

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

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