Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111124\
Data File : BP023011.D
Acq On : 11 Nov 2024 12:55
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER 4 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/12/2024

Quant Time: Nov 11 13:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:36:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.587	152	54362	20.000	ng		0.00
21) Naphthalene-d8	10.339	136	205045	20.000	ng		0.00
39) Acenaphthene-d10	14.216	164	162991	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	398652	20.000	ng		0.00
76) Chrysene-d12	21.456	240	485625	20.000	ng		0.00
86) Perylene-d12	24.686	264	601282	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.222	112	323554	112.953	ng		-0.01
7) Phenol-d6	6.787	99	444478	111.265	ng		0.00
23) Nitrobenzene-d5	8.728	82	354398	81.656	ng		-0.01
42) 2,4,6-Tribromophenol	15.727	330	351375	111.220	ng		-0.02
45) 2-Fluorobiphenyl	12.810	172	910112	79.785	ng		0.00
79) Terphenyl-d14	19.757	244	2029370	78.480	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	4580	4.005	ng		88
3) Pyridine	3.593	79	10765m	3.428	ng		
4) n-Nitrosodimethylamine	3.493	42	6035m	3.987	ng		
6) Aniline	6.934	93	15618	4.690	ng		98
8) 2-Chlorophenol	7.169	128	11382	3.791	ng		93
9) Benzaldehyde	6.769	77	12325	5.338	ng		92
10) Phenol	6.816	94	15229	3.849	ng		80
11) bis(2-Chloroethyl)ether	7.028	93	12067	4.037	ng		85
12) 1,3-Dichlorobenzene	7.481	146	14518	3.789	ng		95
13) 1,4-Dichlorobenzene	7.622	146	14742	3.767	ng		99
14) 1,2-Dichlorobenzene	7.934	146	14293	3.778	ng		100
15) Benzyl Alcohol	7.857	79	7568	2.501	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.092	45	13196	4.069	ng		92
17) 2-Methylphenol	8.039	107	9284	3.457	ng		95
18) Hexachloroethane	8.634	117	5416	3.741	ng		88
19) n-Nitroso-di-n-propyla...	8.375	70	9915	3.626	ng		94
20) 3+4-Methylphenols	8.381	107	11996	3.196	ng		88
22) Acetophenone	8.404	105	20045	3.673	ng	#	95
24) Nitrobenzene	8.769	77	17504	3.970	ng	#	93
25) Isophorone	9.298	82	24165	3.290	ng		98
26) 2-Nitrophenol	9.492	139	5624	3.106	ng		89
27) 2,4-Dimethylphenol	9.563	122	7215	3.490	ng		99
28) bis(2-Chloroethoxy)met...	9.775	93	13638	3.269	ng		93
29) 2,4-Dichlorophenol	10.051	162	11692	3.267	ng		94
30) 1,2,4-Trichlorobenzene	10.210	180	16624	3.634	ng	#	96
31) Naphthalene	10.386	128	36345	3.538	ng		99
32) Benzoic acid	9.698	122	6154m	2.479	ng		
33) 4-Chloroaniline	10.533	127	14372m	3.930	ng		
34) Hexachlorobutadiene	10.657	225	11824	3.524	ng		98
35) Caprolactam	11.328	113	3274m	3.056	ng		
36) 4-Chloro-3-methylphenol	11.675	107	11781	2.953	ng		94
37) 2-Methylnaphthalene	12.016	142	27123	3.525	ng		96
38) 1-Methylnaphthalene	12.227	142	25090	3.285	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.392	216	20370	3.692	ng		99
41) Hexachlorocyclopentadiene	12.357	237	3612	2.331	ng		97
43) 2,4,6-Trichlorophenol	12.651	196	11008	3.137	ng		94

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44) 2,4,5-Trichlorophenol	12.745	196	12595	3.153	ng		93
46) 1,1'-Biphenyl	13.033	154	41502	3.830	ng		100
47) 2-Chloronaphthalene	13.080	162	32109	3.571	ng		98
48) 2-Nitroaniline	13.310	65	7888m	3.011	ng		
49) Acenaphthylene	13.927	152	45790	3.646	ng		100
50) Dimethylphthalate	13.657	163	41468	3.475	ng	#	98
51) 2,6-Dinitrotoluene	13.804	165	8247	3.039	ng		88
52) Acenaphthene	14.274	154	28472	3.526	ng		94
53) 3-Nitroaniline	14.169	138	6989m	3.170	ng		
55) Dibenzofuran	14.627	168	52408	3.696	ng		98
57) 2,4-Dinitrotoluene	14.621	165	10687	2.724	ng	#	80
58) Fluorene	15.292	166	41189	3.496	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.880	232	12544	3.256	ng		95
60) Diethylphthalate	15.051	149	38896	3.277	ng		99
61) 4-Chlorophenyl-phenyle...	15.280	204	24071	3.467	ng		91
62) 4-Nitroaniline	15.357	138	5869m	2.594	ng		
63) Azobenzene	15.586	77	33837	3.315	ng		96
65) 4,6-Dinitro-2-methylph...	15.416	198	5847	2.411	ng		95
66) n-Nitrosodiphenylamine	15.504	169	36079	3.661	ng		98
67) 4-Bromophenyl-phenylether	16.186	248	16629	3.478	ng		95
68) Hexachlorobenzene	16.316	284	21476	3.507	ng	#	91
69) Atrazine	16.480	200	13827	4.162	ng		95
70) Pentachlorophenol	16.698	266	10583	2.706	ng		93
71) Phenanthrene	17.068	178	71172	3.689	ng		98
72) Anthracene	17.163	178	68693	3.710	ng		99
73) Carbazole	17.463	167	59322	3.355	ng		98
74) Di-n-butylphthalate	18.033	149	57417	2.913	ng		99
75) Fluoranthene	19.168	202	89177	3.332	ng		98
77) Benzidine	19.368	184	38156m	3.977	ng		
78) Pyrene	19.551	202	93462	3.251	ng		99
80) Butylbenzylphthalate	20.492	149	27012	2.756	ng		98
81) Benzo(a)anthracene	21.439	228	110490	3.656	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	38464	3.144	ng		100
83) Chrysene	21.503	228	106096	3.748	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	37665	2.678	ng		98
85) Di-n-octyl phthalate	22.592	149	66391	2.824	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.368	276	147015	3.625	ng	#	94
88) Benzo(b)fluoranthene	23.674	252	119956	3.396	ng	#	94
89) Benzo(k)fluoranthene	23.750	252	120998	3.627	ng		97
90) Benzo(a)pyrene	24.544	252	105045	3.475	ng		99
91) Dibenzo(a,h)anthracene	28.415	278	125151	3.763	ng		100
92) Benzo(g,h,i)perylene	29.527	276	114893	3.372	ng		97

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

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