Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
Data File : BP022934.D
Acq On : 08 Nov 2024 14:49
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 08 15:58:58 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	7.599	152	45992	20.000	ng		0.00
21) Naphthalene-d8	10.346	136	172367	20.000	ng		0.00
39) Acenaphthene-d10	14.216	164	141999	20.000	ng		0.00
64) Phenanthrene-d10	17.022	188	348894	20.000	ng		0.00
76) Chrysene-d12	21.463	240	438060	20.000	ng		0.00
86) Perylene-d12	24.710	264	570960	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	286749	118.322	ng		0.00
7) Phenol-d6	6.793	99	405238	119.903	ng		0.00
23) Nitrobenzene-d5	8.740	82	322392	88.364	ng		0.00
42) 2,4,6-Tribromophenol	15.734	330	365671	132.856	ng		-0.01
45) 2-Fluorobiphenyl	12.822	172	876582	88.206	ng		0.00
79) Terphenyl-d14	19.763	244	2031824	87.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	8110	8.382	ng	#	93
3) Pyridine	3.593	79	19642	7.393	ng		95
4) n-Nitrosodimethylamine	3.493	42	11343	8.857	ng	#	89
6) Aniline	6.940	93	30116	10.689	ng		92
8) 2-Chlorophenol	7.175	128	20399	8.030	ng		95
9) Benzaldehyde	6.769	77	22423	11.480	ng	#	85
10) Phenol	6.816	94	27356	8.173	ng		87
11) bis(2-Chloroethyl)ether	7.034	93	19580	7.743	ng		97
12) 1,3-Dichlorobenzene	7.487	146	25354m	7.821	ng		
13) 1,4-Dichlorobenzene	7.628	146	25302	7.643	ng		99
14) 1,2-Dichlorobenzene	7.940	146	25934	8.103	ng		99
15) Benzyl Alcohol	7.852	79	19038	7.437	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.110	45	24070	8.773	ng		99
17) 2-Methylphenol	8.046	107	17251	7.593	ng		88
18) Hexachloroethane	8.652	117	9460	7.724	ng		98
19) n-Nitroso-di-n-propyla...	8.393	70	19612	8.478	ng		95
20) 3+4-Methylphenols	8.381	107	24410	7.687	ng		96
22) Acetophenone	8.416	105	38551	8.402	ng	#	95
24) Nitrobenzene	8.787	77	31146	8.404	ng		97
25) Isophorone	9.299	82	51368	8.319	ng		97
26) 2-Nitrophenol	9.493	139	11098	7.292	ng		96
27) 2,4-Dimethylphenol	9.563	122	14393	8.282	ng		91
28) bis(2-Chloroethoxy)met...	9.775	93	28495	8.124	ng		95
29) 2,4-Dichlorophenol	10.040	162	22805	7.581	ng		90
30) 1,2,4-Trichlorobenzene	10.222	180	30587	7.954	ng		95
31) Naphthalene	10.399	128	68918	7.980	ng		98
32) Benzoic acid	9.663	122	13173m	6.313	ng		
33) 4-Chloroaniline	10.534	127	27080	8.809	ng		98
34) Hexachlorobutadiene	10.669	225	22110	7.839	ng		97
35) Caprolactam	11.322	113	6240m	6.929	ng		
36) 4-Chloro-3-methylphenol	11.675	107	25056	7.471	ng		96
37) 2-Methylnaphthalene	12.022	142	53252	8.233	ng		99
38) 1-Methylnaphthalene	12.234	142	48235	7.513	ng		91
40) 1,2,4,5-Tetrachloroben...	12.393	216	39022	8.117	ng		100
41) Hexachlorocyclopentadiene	12.357	237	10163	7.528	ng		96
43) 2,4,6-Trichlorophenol	12.640	196	23365	7.642	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	25529	7.335	ng	#	94
46) 1,1'-Biphenyl	13.034	154	81952	8.682	ng		99
47) 2-Chloronaphthalene	13.081	162	61168	7.808	ng		97
48) 2-Nitroaniline	13.293	65	16910	7.409	ng		90
49) Acenaphthylene	13.934	152	95084	8.691	ng		98
50) Dimethylphthalate	13.663	163	83352	8.017	ng		98
51) 2,6-Dinitrotoluene	13.804	165	16875	7.138	ng		92
52) Acenaphthene	14.281	154	55242	7.853	ng		98
53) 3-Nitroaniline	14.157	138	14093	7.338	ng		97
54) 2,4-Dinitrophenol	14.375	184	8796m	5.996	ng		
55) Dibenzofuran	14.628	168	102892	8.328	ng		97
56) 4-Nitrophenol	14.516	139	9787	6.195	ng		94
57) 2,4-Dinitrotoluene	14.616	165	24213	7.085	ng		97
58) Fluorene	15.292	166	82333	8.021	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.875	232	25984	7.741	ng		99
60) Diethylphthalate	15.051	149	80103	7.747	ng		99
61) 4-Chlorophenyl-phenyle...	15.281	204	47410	7.837	ng		97
62) 4-Nitroaniline	15.334	138	14765	7.492	ng		95
63) Azobenzene	15.581	77	73336	8.248	ng		97
65) 4,6-Dinitro-2-methylph...	15.398	198	14174	6.678	ng		95
66) n-Nitrosodiphenylamine	15.498	169	69980	8.113	ng		97
67) 4-Bromophenyl-phenylether	16.186	248	34014	8.128	ng		96
68) Hexachlorobenzene	16.316	284	44008	8.210	ng		97
69) Atrazine	16.481	200	31069	10.686	ng		98
70) Pentachlorophenol	16.686	266	23220	6.783	ng		97
71) Phenanthrene	17.069	178	143827	8.518	ng		99
72) Anthracene	17.163	178	141994	8.763	ng		99
73) Carbazole	17.457	167	121715	7.864	ng		98
74) Di-n-butylphthalate	18.033	149	132484	7.681	ng		99
75) Fluoranthene	19.157	202	186330	7.955	ng		99
77) Benzidine	19.369	184	84017	9.707	ng		99
78) Pyrene	19.539	202	198855	7.669	ng		99
80) Butylbenzylphthalate	20.498	149	63997	7.239	ng		96
81) Benzo(a)anthracene	21.445	228	227862	8.359	ng		98
82) 3,3'-Dichlorobenzidine	21.369	252	89915	8.148	ng		98
83) Chrysene	21.516	228	221955	8.693	ng		99
84) Bis(2-ethylhexyl)phtha...	21.369	149	92163	7.264	ng		98
85) Di-n-octyl phthalate	22.604	149	160462	7.568	ng		99
87) Indeno(1,2,3-cd)pyrene	28.380	276	333615	8.663	ng		100
88) Benzo(b)fluoranthene	23.674	252	270682	8.069	ng		98
89) Benzo(k)fluoranthene	23.745	252	257775	8.138	ng		98
90) Benzo(a)pyrene	24.551	252	243665	8.489	ng		99
91) Dibenzo(a,h)anthracene	28.421	278	273050	8.646	ng		96
92) Benzo(g,h,i)perylene	29.509	276	255886m	7.908	ng		

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

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