Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
Data File : BP024094.D
Acq On : 19 Feb 2025 11:54
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 10PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2025

Quant Time: Feb 19 12:20:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	362004	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1505003	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	917108	20.000	ng		0.00
64) Phenanthrene-d10	17.187	188	1669074	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1491976	20.000	ng		-0.01
86) Perylene-d12	25.010	264	1372603	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.370	112	1232415	53.121	ng		0.00
7) Phenol-d6	6.934	99	1724403	57.830	ng		-0.01
23) Nitrobenzene-d5	8.899	82	1580359	58.582	ng		-0.01
42) 2,4,6-Tribromophenol	15.898	330	609858	54.289	ng		0.00
45) 2-Fluorobiphenyl	12.999	172	3786734	57.723	ng		0.00
79) Terphenyl-d14	19.910	244	4603294	61.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	68828	7.563	ng		98
3) Pyridine	3.711	79	161609	6.830	ng		97
4) n-Nitrosodimethylamine	3.611	42	64910	7.734	ng	#	93
6) Aniline	7.087	93	263896	9.664	ng		99
8) 2-Chlorophenol	7.328	128	194189	7.908	ng		98
9) Benzaldehyde	6.905	77	164733m	12.101	ng		
10) Phenol	6.964	94	239058	7.973	ng		98
11) bis(2-Chloroethyl)ether	7.181	93	202050	8.555	ng		99
12) 1,3-Dichlorobenzene	7.646	146	217911	8.078	ng		99
13) 1,4-Dichlorobenzene	7.787	146	222232	8.146	ng		99
14) 1,2-Dichlorobenzene	8.105	146	214211	8.182	ng		99
15) Benzyl Alcohol	7.993	79	149627	8.198	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	217095m	9.470	ng		
17) 2-Methylphenol	8.199	107	147464	8.070	ng		99
18) Hexachloroethane	8.828	117	79651	8.107	ng		97
19) n-Nitroso-di-n-propyla...	8.552	70	148785	9.280	ng		99
20) 3+4-Methylphenols	8.522	107	204200	8.215	ng		98
22) Acetophenone	8.569	105	328121	8.484	ng	#	99
24) Nitrobenzene	8.940	77	229643	8.650	ng		95
25) Isophorone	9.469	82	392215	8.891	ng		99
26) 2-Nitrophenol	9.652	139	76365	6.243	ng		92
27) 2,4-Dimethylphenol	9.716	122	138919	8.652	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	259232	8.112	ng		100
29) 2,4-Dichlorophenol	10.187	162	148929	6.797	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	186741	7.438	ng		98
31) Naphthalene	10.587	128	629866	7.783	ng		99
32) Benzoic acid	9.793	122	67115	10.851	ng		98
33) 4-Chloroaniline	10.693	127	236516	8.296	ng		98
34) Hexachlorobutadiene	10.875	225	110995	7.633	ng		99
35) Caprolactam	11.463	113	40077	10.373	ng		91
36) 4-Chloro-3-methylphenol	11.828	107	159122	7.064	ng		97
37) 2-Methylnaphthalene	12.193	142	434031	8.070	ng		99
38) 1-Methylnaphthalene	12.416	142	402231	7.687	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	215024	7.631	ng		99
41) Hexachlorocyclopentadiene	12.552	237	98305	9.375	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	112095	6.523	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	126510	6.731	ng		98
46) 1,1'-Biphenyl	13.216	154	584560	8.203	ng		99
47) 2-Chloronaphthalene	13.252	162	426503	7.917	ng		99
48) 2-Nitroaniline	13.457	65	90738	7.130	ng		93
49) Acenaphthylene	14.104	152	630090	7.938	ng		99
50) Dimethylphthalate	13.840	163	495401	7.658	ng		99
51) 2,6-Dinitrotoluene	13.951	165	94579	7.177	ng		90
52) Acenaphthene	14.457	154	403409	7.893	ng		99
53) 3-Nitroaniline	14.293	138	95636	6.801	ng		95
54) 2,4-Dinitrophenol	14.499	184	30309	10.929	ng		93
55) Dibenzofuran	14.793	168	640791	7.717	ng		100
56) 4-Nitrophenol	14.616	139	67189	5.531	ng		97
57) 2,4-Dinitrotoluene	14.751	165	114987	6.717	ng	#	88
58) Fluorene	15.451	166	498161	7.682	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	111162	6.817	ng		100
60) Diethylphthalate	15.228	149	479709	7.470	ng		99
61) 4-Chlorophenyl-phenyle...	15.451	204	244408	7.657	ng		97
62) 4-Nitroaniline	15.469	138	95993	8.659	ng		97
63) Azobenzene	15.751	77	469127	7.796	ng		96
65) 4,6-Dinitro-2-methylph...	15.522	198	48135	9.937	ng		89
66) n-Nitrosodiphenylamine	15.669	169	395843	7.605	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	135663	7.238	ng		97
68) Hexachlorobenzene	16.475	284	173249	7.856	ng		99
69) Atrazine	16.640	200	116259	8.704	ng		97
70) Pentachlorophenol	16.834	266	70112	4.895	ng		98
71) Phenanthrene	17.228	178	737942	7.842	ng		99
72) Anthracene	17.322	178	691745	7.671	ng		99
73) Carbazole	17.604	167	602975	7.018	ng		99
74) Di-n-butylphthalate	18.192	149	659958	6.583	ng		99
75) Fluoranthene	19.316	202	730163	6.860	ng		99
77) Benzidine	19.516	184	235737m	12.966	ng		
78) Pyrene	19.692	202	777791	8.207	ng		99
80) Butylbenzylphthalate	20.645	149	231746	6.382	ng		97
81) Benzo(a)anthracene	21.610	228	718495	7.680	ng		99
82) 3,3'-Dichlorobenzidine	21.533	252	189236	6.473	ng		97
83) Chrysene	21.680	228	688581	7.633	ng		99
84) Bis(2-ethylhexyl)phtha...	21.557	149	340694	6.187	ng		98
85) Di-n-octyl phthalate	22.857	149	445287	5.059	ng		98
87) Indeno(1,2,3-cd)pyrene	28.839	276	717417	7.347	ng	#	93
88) Benzo(b)fluoranthene	23.939	252	616053	7.068	ng		99
89) Benzo(k)fluoranthene	24.010	252	638948	7.531	ng		99
90) Benzo(a)pyrene	24.845	252	543038	7.341	ng		98
91) Dibenzo(a,h)anthracene	28.915	278	601212	7.323	ng		98
92) Benzo(g,h,i)perylene	30.039	276	550364	6.606	ng		99

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

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