Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
Data File : BP024089.D
Acq On : 18 Feb 2025 18:39
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 10PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 19 01:13:12 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

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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	347952	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1458587	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	897471	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1693780	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1659091	20.000	ng		-0.01
86) Perylene-d12	25.021	264	1598865	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1384858	62.103	ng		0.00
7) Phenol-d6	6.934	99	1886869	65.835	ng		-0.01
23) Nitrobenzene-d5	8.904	82	1629402	62.322	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	692561	63.000	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	3874757	60.357	ng		0.00
79) Terphenyl-d14	19.922	244	5257647	62.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	76701	8.768	ng		99
3) Pyridine	3.711	79	181221	7.968	ng		98
4) n-Nitrosodimethylamine	3.616	42	68779	8.526	ng	#	96
6) Aniline	7.093	93	285790	10.888	ng		99
8) 2-Chlorophenol	7.328	128	209511	8.877	ng		97
9) Benzaldehyde	6.905	77	179016m	13.681	ng		
10) Phenol	6.963	94	257667	8.940	ng		98
11) bis(2-Chloroethyl)ether	7.181	93	211641	9.323	ng		99
12) 1,3-Dichlorobenzene	7.652	146	235518	9.083	ng		100
13) 1,4-Dichlorobenzene	7.793	146	237437	9.055	ng		99
14) 1,2-Dichlorobenzene	8.104	146	228767	9.090	ng		99
15) Benzyl Alcohol	7.999	79	158871	9.056	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	223658	10.150	ng		98
17) 2-Methylphenol	8.199	107	155402	8.848	ng		98
18) Hexachloroethane	8.828	117	85245	9.027	ng		95
19) n-Nitroso-di-n-propyla...	8.552	70	150342	9.756	ng		97
20) 3+4-Methylphenols	8.522	107	213622	8.941	ng		98
22) Acetophenone	8.569	105	337399	9.002	ng		99
24) Nitrobenzene	8.946	77	234232	9.103	ng		100
25) Isophorone	9.475	82	390722	9.139	ng		99
26) 2-Nitrophenol	9.651	139	84878	7.160	ng		97
27) 2,4-Dimethylphenol	9.716	122	147836	9.501	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	278599	8.995	ng		99
29) 2,4-Dichlorophenol	10.187	162	164468	7.745	ng		98
30) 1,2,4-Trichlorobenzene	10.398	180	204807	8.418	ng		98
31) Naphthalene	10.587	128	684050	8.722	ng		99
32) Benzoic acid	9.799	122	73876	11.307	ng		98
33) 4-Chloroaniline	10.693	127	252517	9.139	ng		99
34) Hexachlorobutadiene	10.875	225	119653	8.491	ng		99
35) Caprolactam	11.469	113	46538	11.325	ng		96
36) 4-Chloro-3-methylphenol	11.828	107	174448	7.991	ng		99
37) 2-Methylnaphthalene	12.192	142	464972	8.920	ng		99
38) 1-Methylnaphthalene	12.416	142	437870	8.635	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	231871	8.409	ng		100
41) Hexachlorocyclopentadiene	12.551	237	107890	10.515	ng		98
43) 2,4,6-Trichlorophenol	12.810	196	126444	7.519	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	136591	7.427	ng		97
46) 1,1'-Biphenyl	13.216	154	615889	8.831	ng		99
47) 2-Chloronaphthalene	13.257	162	455290	8.636	ng		100
48) 2-Nitroaniline	13.457	65	98785	7.932	ng		97
49) Acenaphthylene	14.110	152	690660	8.892	ng		99
50) Dimethylphthalate	13.845	163	546268	8.629	ng		99
51) 2,6-Dinitrotoluene	13.957	165	104783	8.125	ng		97
52) Acenaphthene	14.451	154	436716	8.731	ng		99
53) 3-Nitroaniline	14.292	138	111348	8.092	ng	#	96
54) 2,4-Dinitrophenol	14.504	184	36151	11.618	ng		97
55) Dibenzofuran	14.792	168	695233	8.556	ng		99
56) 4-Nitrophenol	14.616	139	79864	6.719	ng		95
57) 2,4-Dinitrotoluene	14.751	165	133029	7.941	ng		96
58) Fluorene	15.457	166	542736	8.553	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.028	232	123943	7.767	ng		99
60) Diethylphthalate	15.228	149	529864	8.432	ng		100
61) 4-Chlorophenyl-phenyle...	15.451	204	265519	8.501	ng		97
62) 4-Nitroaniline	15.475	138	109871	9.570	ng		97
63) Azobenzene	15.751	77	501221	8.511	ng		97
65) 4,6-Dinitro-2-methylph...	15.539	198	57941	10.668	ng		98
66) n-Nitrosodiphenylamine	15.663	169	459210	8.694	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	158611	8.339	ng		99
68) Hexachlorobenzene	16.492	284	193441	8.643	ng		98
69) Atrazine	16.645	200	138015	10.182	ng		99
70) Pentachlorophenol	16.839	266	86466	5.948	ng		99
71) Phenanthrene	17.233	178	852464	8.927	ng		99
72) Anthracene	17.333	178	794059	8.677	ng		99
73) Carbazole	17.610	167	737159	8.455	ng		99
74) Di-n-butylphthalate	18.210	149	804350	7.906	ng		99
75) Fluoranthene	19.316	202	892364	8.262	ng		99
77) Benzidine	19.516	184	340757	16.855	ng		99
78) Pyrene	19.698	202	952582	9.039	ng		99
80) Butylbenzylphthalate	20.651	149	301822	7.474	ng		98
81) Benzo(a)anthracene	21.610	228	906519	8.714	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	260908	8.026	ng		99
83) Chrysene	21.680	228	871519	8.688	ng		100
84) Bis(2-ethylhexyl)phtha...	21.563	149	450725	7.360	ng		100
85) Di-n-octyl phthalate	22.851	149	598484	6.114	ng		100
87) Indeno(1,2,3-cd)pyrene	28.833	276	913141m	8.028	ng		
88) Benzo(b)fluoranthene	23.933	252	819831	8.075	ng		99
89) Benzo(k)fluoranthene	24.010	252	826419	8.362	ng		99
90) Benzo(a)pyrene	24.851	252	716984	8.321	ng		97
91) Dibenzo(a,h)anthracene	28.927	278	758732	7.933	ng		99
92) Benzo(g,h,i)perylene	30.015	276	708420	7.300	ng		100

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

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