Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141128.D
Acq On : 13 Jan 2025 16:10
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

Quant Time: Jan 13 16:41:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	159314	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	636657	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	350991	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	615290	20.000	ng		0.00
76) Chrysene-d12	13.986	240	378621	20.000	ng		0.00
86) Perylene-d12	15.445	264	330132	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	897387	87.016	ng		0.00
7) Phenol-d6	6.440	99	1144156	87.584	ng		0.00
23) Nitrobenzene-d5	7.381	82	766802	63.844	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	370561	92.656	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1441986	62.736	ng		0.00
79) Terphenyl-d14	12.933	244	1497270	58.776	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	35378	7.703	ng		99
3) Pyridine	3.299	79	81752	7.259	ng		97
4) n-Nitrosodimethylamine	3.210	42	42745	7.762	ng		97
6) Aniline	6.481	93	114034	9.832	ng		99
8) 2-Chlorophenol	6.604	128	91811	8.298	ng		100
9) Benzaldehyde	6.369	77	74795	9.721	ng		99
10) Phenol	6.457	94	112682	8.058	ng		92
11) bis(2-Chloroethyl)ether	6.551	93	87149	8.362	ng		97
12) 1,3-Dichlorobenzene	6.757	146	100728	8.162	ng		98
13) 1,4-Dichlorobenzene	6.840	146	101811	8.187	ng		100
14) 1,2-Dichlorobenzene	6.993	146	95382	8.223	ng		99
15) Benzyl Alcohol	6.957	79	84265	8.932	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	121973	8.387	ng		98
17) 2-Methylphenol	7.063	107	71909	8.050	ng		99
18) Hexachloroethane	7.334	117	36103	8.028	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	64559	8.389	ng		99
20) 3+4-Methylphenols	7.216	107	89687	7.958	ng	#	82
22) Acetophenone	7.222	105	135432	8.948	ng		98
24) Nitrobenzene	7.398	77	97869	7.819	ng		99
25) Isophorone	7.634	82	172513	8.405	ng		100
26) 2-Nitrophenol	7.716	139	44021	7.731	ng		96
27) 2,4-Dimethylphenol	7.745	122	40136	5.226	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	106333	8.255	ng		99
29) 2,4-Dichlorophenol	7.951	162	74373	8.153	ng		97
30) 1,2,4-Trichlorobenzene	8.040	180	84437	8.098	ng		99
31) Naphthalene	8.122	128	275263	8.199	ng		99
32) Benzoic acid	7.822	122	85283	11.575	ng		99
33) 4-Chloroaniline	8.169	127	104315	8.984	ng		98
34) Hexachlorobutadiene	8.240	225	49045	7.807	ng		100
35) Caprolactam	8.504	113	23157	7.754	ng		99
36) 4-Chloro-3-methylphenol	8.640	107	83300	8.350	ng		99
37) 2-Methylnaphthalene	8.816	142	176685	8.258	ng		98
38) 1-Methylnaphthalene	8.910	142	165625	7.855	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	83364	8.275	ng		98
41) Hexachlorocyclopentadiene	8.969	237	42010	12.746	ng		98
43) 2,4,6-Trichlorophenol	9.087	196	51178	7.532	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	56310	7.847	ng	99
46) 1,1'-Biphenyl	9.281	154	233399	8.563	ng	99
47) 2-Chloronaphthalene	9.304	162	168597	7.941	ng	98
48) 2-Nitroaniline	9.392	65	47878	7.608	ng	97
49) Acenaphthylene	9.716	152	262408	8.651	ng	100
50) Dimethylphthalate	9.575	163	192433	8.167	ng	99
51) 2,6-Dinitrotoluene	9.634	165	41536	7.580	ng	94
52) Acenaphthene	9.886	154	175885	8.300	ng	98
53) 3-Nitroaniline	9.804	138	44272	7.951	ng	96
54) 2,4-Dinitrophenol	9.910	184	23083	8.863	ng	87
55) Dibenzofuran	10.063	168	242018	8.396	ng	99
56) 4-Nitrophenol	9.951	139	33106	7.591	ng	98
57) 2,4-Dinitrotoluene	10.034	165	54061	7.656	ng	96
58) Fluorene	10.404	166	189427	8.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	48528	8.136	ng	99
60) Diethylphthalate	10.275	149	190943	8.300	ng	98
61) 4-Chlorophenyl-phenyle...	10.398	204	91523	8.385	ng	97
62) 4-Nitroaniline	10.410	138	41353	7.588	ng	100
63) Azobenzene	10.557	77	188593	8.309	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	38199	10.714	ng	96
66) n-Nitrosodiphenylamine	10.516	169	160731	8.099	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	56959	8.041	ng	97
68) Hexachlorobenzene	10.951	284	62750	7.958	ng	99
69) Atrazine	11.039	200	53320	9.978	ng	99
70) Pentachlorophenol	11.145	266	35789	7.087	ng	97
71) Phenanthrene	11.369	178	278028	8.417	ng	99
72) Anthracene	11.416	178	258395	8.045	ng	100
73) Carbazole	11.569	167	241156	8.188	ng	99
74) Di-n-butylphthalate	11.910	149	281965	8.366	ng	99
75) Fluoranthene	12.557	202	271412	8.234	ng	98
77) Benzidine	12.680	184	72629	10.344	ng	97
78) Pyrene	12.780	202	283779	7.847	ng	99
80) Butylbenzylphthalate	13.410	149	93853	7.784	ng	98
81) Benzo(a)anthracene	13.974	228	207858	8.067	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	61872	7.541	ng	97
83) Chrysene	14.010	228	186660	7.742	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	119063	8.230	ng	100
85) Di-n-octyl phthalate	14.592	149	157463	7.208	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	183025	7.567	ng	98
88) Benzo(b)fluoranthene	15.021	252	170866	8.026	ng	98
89) Benzo(k)fluoranthene	15.045	252	151717	8.433	ng	98
90) Benzo(a)pyrene	15.380	252	144255	8.213	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	146496	7.489	ng	98
92) Benzo(g,h,i)perylene	17.327	276	142898	7.023	ng	98

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

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