Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141126.D
Acq On : 13 Jan 2025 14:19
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 13 14:40:12 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	147080	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	583092	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	317022	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	555825	20.000	ng		0.00
76) Chrysene-d12	13.980	240	368193	20.000	ng		0.00
86) Perylene-d12	15.439	264	306406	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	919040	96.528	ng		0.00
7) Phenol-d6	6.440	99	1150972	95.435	ng		0.00
23) Nitrobenzene-d5	7.381	82	778046	70.732	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	369991	102.427	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1464707	70.553	ng		0.00
79) Terphenyl-d14	12.933	244	1558944	62.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	21603	5.095	ng		97
3) Pyridine	3.310	79	47739	4.592	ng		99
4) n-Nitrosodimethylamine	3.210	42	24642	4.847	ng	#	98
6) Aniline	6.481	93	68158	6.365	ng		99
8) 2-Chlorophenol	6.598	128	53739	5.261	ng	#	78
9) Benzaldehyde	6.369	77	45728	6.438	ng		98
10) Phenol	6.451	94	67258	5.210	ng	#	53
11) bis(2-Chloroethyl)ether	6.551	93	51749	5.379	ng		96
12) 1,3-Dichlorobenzene	6.757	146	59031	5.181	ng		99
13) 1,4-Dichlorobenzene	6.840	146	60946	5.309	ng		98
14) 1,2-Dichlorobenzene	6.993	146	55980	5.227	ng		99
15) Benzyl Alcohol	6.951	79	54398	6.246	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	71093	5.295	ng		99
17) 2-Methylphenol	7.063	107	40587	4.922	ng		99
18) Hexachloroethane	7.334	117	21148	5.094	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	38157	5.371	ng		98
20) 3+4-Methylphenols	7.216	107	55745	5.358	ng	#	80
22) Acetophenone	7.222	105	79212	5.715	ng		98
24) Nitrobenzene	7.398	77	60028	5.236	ng		99
25) Isophorone	7.634	82	99470	5.291	ng		99
26) 2-Nitrophenol	7.716	139	24661	4.729	ng		95
27) 2,4-Dimethylphenol	7.745	122	29033	4.127	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	60660	5.142	ng		98
29) 2,4-Dichlorophenol	7.951	162	42009	5.028	ng		100
30) 1,2,4-Trichlorobenzene	8.040	180	48331	5.061	ng		100
31) Naphthalene	8.122	128	163318	5.311	ng		99
32) Benzoic acid	7.793	122	22114	3.277	ng		97
33) 4-Chloroaniline	8.169	127	59803	5.624	ng		100
34) Hexachlorobutadiene	8.240	225	28647	4.979	ng		98
35) Caprolactam	8.492	113	13856	5.066	ng		99
36) 4-Chloro-3-methylphenol	8.640	107	54934	6.012	ng		98
37) 2-Methylnaphthalene	8.816	142	105956	5.407	ng		100
38) 1-Methylnaphthalene	8.910	142	98698	5.111	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	48601	5.341	ng		97
41) Hexachlorocyclopentadiene	8.969	237	13639	4.582	ng		99
43) 2,4,6-Trichlorophenol	9.087	196	29656	4.832	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	32931	5.081	ng		99
46)	1,1'-Biphenyl	9.275	154	142289	5.779	ng		99
47)	2-Chloronaphthalene	9.304	162	99999	5.215	ng		96
48)	2-Nitroaniline	9.392	65	27647	4.864	ng		98
49)	Acenaphthylene	9.716	152	157898	5.763	ng		99
50)	Dimethylphthalate	9.575	163	114143	5.363	ng		99
51)	2,6-Dinitrotoluene	9.634	165	23380	4.724	ng		93
52)	Acenaphthene	9.887	154	103960	5.431	ng		98
53)	3-Nitroaniline	9.798	138	25138	4.998	ng		94
54)	2,4-Dinitrophenol	9.904	184	6183	2.628	ng	#	1
55)	Dibenzofuran	10.063	168	143510	5.512	ng		99
56)	4-Nitrophenol	9.951	139	21662	5.499	ng		95
57)	2,4-Dinitrotoluene	10.034	165	33455	5.245	ng		96
58)	Fluorene	10.404	166	113218	5.597	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.175	232	28638	5.316	ng		98
60)	Diethylphthalate	10.275	149	112094	5.395	ng		100
61)	4-Chlorophenyl-phenyle...	10.398	204	54880	5.567	ng		97
62)	4-Nitroaniline	10.404	138	22829	4.638	ng		96
63)	Azobenzene	10.557	77	110689	5.399	ng		98
65)	4,6-Dinitro-2-methylph...	10.439	198	11588	3.598	ng		91
66)	n-Nitrosodiphenylamine	10.516	169	96035	5.357	ng		99
67)	4-Bromophenyl-phenylether	10.886	248	32935	5.147	ng		97
68)	Hexachlorobenzene	10.951	284	36792	5.165	ng		98
69)	Atrazine	11.039	200	30934	6.408	ng		96
70)	Pentachlorophenol	11.145	266	24025	5.266	ng		97
71)	Phenanthrene	11.363	178	170071	5.699	ng		98
72)	Anthracene	11.416	178	162009	5.584	ng		98
73)	Carbazole	11.569	167	146548	5.508	ng		98
74)	Di-n-butylphthalate	11.910	149	171711	5.640	ng		99
75)	Fluoranthene	12.551	202	168714	5.666	ng		99
77)	Benzidine	12.680	184	44131	6.463	ng		97
78)	Pyrene	12.780	202	188693	5.366	ng		98
80)	Butylbenzylphthalate	13.410	149	55000	4.691	ng		98
81)	Benzo(a)anthracene	13.974	228	133109	5.312	ng		98
82)	3,3'-Dichlorobenzidine	13.939	252	36985	4.635	ng		99
83)	Chrysene	14.010	228	119904	5.114	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.969	149	71015	5.048	ng		99
85)	Di-n-octyl phthalate	14.586	149	93766	4.414	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.886	276	106184	4.730	ng		98
88)	Benzo(b)fluoranthene	15.010	252	102260	5.176	ng		98
89)	Benzo(k)fluoranthene	15.039	252	96554	5.783	ng		99
90)	Benzo(a)pyrene	15.374	252	88504	5.429	ng		98
91)	Dibenzo(a,h)anthracene	16.904	278	84933	4.678	ng		99
92)	Benzo(g,h,i)perylene	17.321	276	84743	4.487	ng		98

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

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