Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141130.D
Acq On : 13 Jan 2025 17:03
Operator : RC/JU
Sample : P1187-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 13 17:22:51 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	146548	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	576091	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	316885	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	546896	20.000	ng		0.00
76) Chrysene-d12	13.980	240	338441	20.000	ng		0.00
86) Perylene-d12	15.445	264	291493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1040555	109.688	ng		0.00
7) Phenol-d6	6.445	99	1389109	115.598	ng		0.00
23) Nitrobenzene-d5	7.381	82	924691	85.085	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	464849	128.742	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1713790	82.586	ng		0.00
79) Terphenyl-d14	12.933	244	1829964	80.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	33122	7.840	ng		98
3) Pyridine	3.304	79	78027	7.532	ng		99
4) n-Nitrosodimethylamine	3.210	42	39604	7.819	ng		98
6) Aniline	6.481	93	115322	10.809	ng		98
8) 2-Chlorophenol	6.604	128	86750	8.523	ng		97
9) Benzaldehyde	6.369	77	72019	10.176	ng		99
10) Phenol	6.457	94	110103	8.559	ng		84
11) bis(2-Chloroethyl)ether	6.557	93	83299	8.689	ng		97
12) 1,3-Dichlorobenzene	6.757	146	92368	8.137	ng		99
13) 1,4-Dichlorobenzene	6.839	146	93802	8.200	ng		98
14) 1,2-Dichlorobenzene	6.992	146	89273	8.367	ng		97
15) Benzyl Alcohol	6.951	79	87820	10.120	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	117551	8.787	ng		99
17) 2-Methylphenol	7.063	107	69652	8.477	ng		99
18) Hexachloroethane	7.333	117	33319	8.055	ng		99
19) n-Nitroso-di-n-propyla...	7.222	70	64385	9.096	ng		99
20) 3+4-Methylphenols	7.216	107	92903	8.962	ng	#	85
22) Acetophenone	7.222	105	134238	9.802	ng		98
24) Nitrobenzene	7.398	77	98309	8.679	ng		100
25) Isophorone	7.633	82	172642	9.295	ng		99
26) 2-Nitrophenol	7.716	139	43999	8.540	ng		99
27) 2,4-Dimethylphenol	7.745	122	49068	7.060	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	103426	8.873	ng		99
29) 2,4-Dichlorophenol	7.951	162	74019	8.968	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	80666	8.550	ng		99
31) Naphthalene	8.122	128	269909	8.884	ng		99
32) Benzoic acid	7.804	122	43164	6.475	ng		99
33) 4-Chloroaniline	8.169	127	103676	9.868	ng		100
34) Hexachlorobutadiene	8.239	225	47079	8.281	ng		99
35) Caprolactam	8.498	113	23078	8.540	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	80130	8.877	ng		98
37) 2-Methylnaphthalene	8.810	142	178684	9.230	ng		100
38) 1-Methylnaphthalene	8.910	142	164722	8.633	ng		98
40) 1,2,4,5-Tetrachloroben...	8.980	216	84698	9.312	ng		99
41) Hexachlorocyclopentadiene	8.969	237	22361	7.515	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	51353	8.372	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	55144	8.512	ng		99
46) 1,1'-Biphenyl	9.275	154	234241	9.518	ng		99
47) 2-Chloronaphthalene	9.304	162	168694	8.801	ng		97
48) 2-Nitroaniline	9.392	65	46939	8.261	ng		96
49) Acenaphthylene	9.716	152	266689	9.739	ng		99
50) Dimethylphthalate	9.575	163	193046	9.074	ng		99
51) 2,6-Dinitrotoluene	9.633	165	40642	8.215	ng		95
52) Acenaphthene	9.886	154	167539	8.757	ng		100
53) 3-Nitroaniline	9.798	138	43797	8.712	ng		97
54) 2,4-Dinitrophenol	9.904	184	12514	5.322	ng	#	1
55) Dibenzofuran	10.063	168	240315	9.234	ng		99
56) 4-Nitrophenol	9.951	139	29485	7.489	ng		96
57) 2,4-Dinitrotoluene	10.033	165	53194	8.343	ng		96
58) Fluorene	10.404	166	186000	9.200	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	46361	8.609	ng		99
60) Diethylphthalate	10.274	149	186180	8.965	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	90583	9.193	ng		99
62) 4-Nitroaniline	10.410	138	39365	8.000	ng		97
63) Azobenzene	10.557	77	184206	8.989	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	23394	7.382	ng		99
66) n-Nitrosodiphenylamine	10.516	169	159214	9.026	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	55835	8.868	ng		98
68) Hexachlorobenzene	10.951	284	63322	9.034	ng		98
69) Atrazine	11.039	200	51994	10.947	ng		99
70) Pentachlorophenol	11.139	266	33150	7.385	ng		95
71) Phenanthrene	11.363	178	271518	9.248	ng		98
72) Anthracene	11.416	178	265847	9.312	ng		100
73) Carbazole	11.569	167	232421	8.879	ng		99
74) Di-n-butylphthalate	11.910	149	278790	9.306	ng		99
75) Fluoranthene	12.551	202	272180	9.290	ng		99
77) Benzidine	12.680	184	59402	9.465	ng		97
78) Pyrene	12.780	202	279569	8.649	ng		99
80) Butylbenzylphthalate	13.410	149	91281	8.470	ng		96
81) Benzo(a)anthracene	13.968	228	211825	9.197	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	60212	8.210	ng		96
83) Chrysene	14.010	228	184393	8.556	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	112169	8.674	ng		99
85) Di-n-octyl phthalate	14.592	149	152349	7.802	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	184112	8.621	ng		97
88) Benzo(b)fluoranthene	15.015	252	167871	8.931	ng		99
89) Benzo(k)fluoranthene	15.045	252	147258	9.270	ng		98
90) Benzo(a)pyrene	15.380	252	142427	9.184	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	145009	8.395	ng		98
92) Benzo(g,h,i)perylene	17.321	276	145242	8.084	ng		99

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

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