Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141321.D
Acq On : 31 Jan 2025 10:15
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 10:55:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	152903	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	616569	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	338750	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	577127	20.000	ng		0.00
76) Chrysene-d12	13.963	240	381814	20.000	ng		-0.01
86) Perylene-d12	15.427	264	325467	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1058763	106.304	ng		0.00
7) Phenol-d6	6.428	99	1395904	110.173	ng		-0.01
23) Nitrobenzene-d5	7.363	82	937967	80.196	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	342884	110.410	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	1640475	74.539	ng		0.00
79) Terphenyl-d14	12.916	244	1794606	72.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	17636	4.026	ng		98
3) Pyridine	3.275	79	35034	3.320	ng		99
4) n-Nitrosodimethylamine	3.152	42	23434	3.887	ng	#	98
6) Aniline	6.463	93	56134	5.234	ng		99
8) 2-Chlorophenol	6.581	128	45996	4.309	ng		82
9) Benzaldehyde	6.346	77	38415	5.234	ng		100
10) Phenol	6.440	94	59019	4.394	ng	#	64
11) bis(2-Chloroethyl)ether	6.534	93	46478	4.513	ng		99
12) 1,3-Dichlorobenzene	6.740	146	49305	4.189	ng		97
13) 1,4-Dichlorobenzene	6.816	146	49439	4.181	ng		99
14) 1,2-Dichlorobenzene	6.969	146	47170	4.260	ng		98
15) Benzyl Alcohol	6.940	79	49295	5.693	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	81115	4.530	ng		99
17) 2-Methylphenol	7.045	107	33145	3.820	ng		97
18) Hexachloroethane	7.310	117	17712	4.060	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	33127	4.400	ng		98
20) 3+4-Methylphenols	7.198	107	45991	4.317	ng	#	81
22) Acetophenone	7.204	105	68731	4.690	ng		96
24) Nitrobenzene	7.381	77	51078	4.214	ng		96
25) Isophorone	7.610	82	86545	4.281	ng		96
26) 2-Nitrophenol	7.693	139	22049	3.857	ng		96
27) 2,4-Dimethylphenol	7.728	122	16934m	2.327	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	55637	4.314	ng		97
29) 2,4-Dichlorophenol	7.934	162	35937	4.035	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	42481	4.176	ng		99
31) Naphthalene	8.098	128	141463	4.343	ng		99
32) Benzoic acid	7.787	122	14963m	2.237	ng		
33) 4-Chloroaniline	8.151	127	49956	4.523	ng		98
34) Hexachlorobutadiene	8.222	225	24276	4.069	ng		97
35) Caprolactam	8.475	113	10739	3.692	ng		95
36) 4-Chloro-3-methylphenol	8.622	107	44740	4.683	ng		96
37) 2-Methylnaphthalene	8.792	142	89914	4.343	ng		98
38) 1-Methylnaphthalene	8.887	142	83323	4.097	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	40903	4.244	ng		97
41) Hexachlorocyclopentadiene	8.945	237	6185	2.173	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	23757	3.766	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	25400	3.700	ng		97
46) 1,1'-Biphenyl	9.257	154	122118	4.622	ng		99
47) 2-Chloronaphthalene	9.281	162	85383	4.146	ng		96
48) 2-Nitroaniline	9.375	65	24308	3.753	ng		100
49) Acenaphthylene	9.692	152	131012	4.545	ng		100
50) Dimethylphthalate	9.551	163	97543	4.263	ng		99
51) 2,6-Dinitrotoluene	9.610	165	20737	3.904	ng		97
52) Acenaphthene	9.863	154	87796	4.264	ng		99
53) 3-Nitroaniline	9.781	138	19984	3.838	ng	#	96
54) 2,4-Dinitrophenol	9.892	184	4100	1.660	ng		91
55) Dibenzofuran	10.039	168	121778	4.418	ng		98
56) 4-Nitrophenol	9.945	139	13682	3.593	ng		98
57) 2,4-Dinitrotoluene	10.016	165	29150	4.238	ng		99
58) Fluorene	10.381	166	95003	4.443	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	21777	4.032	ng		99
60) Diethylphthalate	10.257	149	95984	4.327	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	46138	4.418	ng		99
62) 4-Nitroaniline	10.386	138	18395	3.594	ng		95
63) Azobenzene	10.534	77	94603	4.260	ng		99
65) 4,6-Dinitro-2-methylph...	10.428	198	9386	2.750	ng		97
66) n-Nitrosodiphenylamine	10.492	169	82224	4.405	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	27046	4.186	ng		96
68) Hexachlorobenzene	10.928	284	29800	4.348	ng		100
69) Atrazine	11.016	200	26572	4.258	ng		98
70) Pentachlorophenol	11.128	266	15504	3.863	ng		99
71) Phenanthrene	11.345	178	142991	4.609	ng		100
72) Anthracene	11.398	178	138056	4.542	ng		99
73) Carbazole	11.551	167	118264	4.388	ng		99
74) Di-n-butylphthalate	11.886	149	155655	4.765	ng		99
75) Fluoranthene	12.533	202	143458	4.683	ng		99
77) Benzidine	12.663	184	19988	1.633	ng		98
78) Pyrene	12.763	202	168272	4.591	ng		97
80) Butylbenzylphthalate	13.386	149	53902	4.210	ng		98
81) Benzo(a)anthracene	13.951	228	115289	4.376	ng		99
82) 3,3'-Dichlorobenzidine	13.922	252	27287	3.256	ng		99
83) Chrysene	13.992	228	100641	4.168	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	74924	4.613	ng		99
85) Di-n-octyl phthalate	14.574	149	102575	4.066	ng		100
87) Indeno(1,2,3-cd)pyrene	16.868	276	76731	3.653	ng		98
88) Benzo(b)fluoranthene	15.004	252	81244	3.968	ng		99
89) Benzo(k)fluoranthene	15.033	252	88845	4.899	ng		97
90) Benzo(a)pyrene	15.363	252	74178	4.288	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	58559	3.465	ng		98
92) Benzo(g,h,i)perylene	17.304	276	61611	3.506	ng		99

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

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