Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141304.D
Acq On : 30 Jan 2025 10:23
Operator : RC/JU
Sample : Q1168-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 10:52:32 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 :
LOQ-SOIL-02-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	138501	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	550579	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	304536	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	529687	20.000	ng	0.00
76) Chrysene-d12	13.962	240	312450	20.000	ng	-0.01
86) Perylene-d12	15.427	264	276883	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	855480	94.825	ng	0.00
7) Phenol-d6	6.428	99	1089318	94.915	ng	-0.01
23) Nitrobenzene-d5	7.357	82	735381	70.411	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	267415	95.783	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1340092	67.731	ng	0.00
79) Terphenyl-d14	12.910	244	1338082	66.045	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	20492	5.165	ng	99
3) Pyridine	3.263	79	42970	4.495	ng	97
6) Aniline	6.457	93	62992m	6.484	ng	
8) 2-Chlorophenol	6.581	128	51380	5.314	ng	93
10) Phenol	6.439	94	64538	5.305	ng	87
11) bis(2-Chloroethyl)ether	6.534	93	48173	5.164	ng	98
12) 1,3-Dichlorobenzene	6.739	146	55582	5.213	ng	98
13) 1,4-Dichlorobenzene	6.816	146	54697	5.107	ng	99
14) 1,2-Dichlorobenzene	6.969	146	51711	5.156	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	89750	5.533	ng	99
17) 2-Methylphenol	7.045	107	39744	5.057	ng	99
18) Hexachloroethane	7.310	117	19131	4.842	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	36289	5.321	ng	98
22) Acetophenone	7.204	105	76526	5.847	ng	97
24) Nitrobenzene	7.375	77	56557	5.225	ng	99
25) Isophorone	7.610	82	98938	5.480	ng	97
26) 2-Nitrophenol	7.692	139	25440	4.984	ng	99
27) 2,4-Dimethylphenol	7.728	122	25046m	3.855	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	60881	5.287	ng	98
29) 2,4-Dichlorophenol	7.933	162	40497	5.091	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	45872	5.050	ng	99
31) Naphthalene	8.098	128	154936	5.327	ng	99
33) 4-Chloroaniline	8.151	127	57309	5.810	ng	97
34) Hexachlorobutadiene	8.222	225	26728	5.018	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	46494	5.450	ng	97
37) 2-Methylnaphthalene	8.792	142	101066	5.467	ng	99
38) 1-Methylnaphthalene	8.892	142	92339	5.085	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	47282	5.457	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	27798	4.902	ng	95
44) 2,4,5-Trichlorophenol	9.110	196	30364	4.920	ng	97
46) 1,1'-Biphenyl	9.257	154	136999	5.768	ng	98
47) 2-Chloronaphthalene	9.280	162	95551	5.162	ng	98
48) 2-Nitroaniline	9.375	65	28156	4.836	ng	94
49) Acenaphthylene	9.692	152	145247	5.605	ng	100
50) Dimethylphthalate	9.551	163	109916	5.344	ng	100
51) 2,6-Dinitrotoluene	9.616	165	22676	4.748	ng	96

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52) Acenaphthene	9.869	154	97056	5.243	ng	99
53) 3-Nitroaniline	9.780	138	23226	4.962	ng	96
55) Dibenzofuran	10.039	168	138040	5.571	ng	97
57) 2,4-Dinitrotoluene	10.016	165	30753	4.974	ng	96
58) Fluorene	10.380	166	108665	5.653	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	24885	5.125	ng	99
60) Diethylphthalate	10.257	149	108863	5.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	51757	5.512	ng	98
62) 4-Nitroaniline	10.392	138	20551	4.466	ng	97
63) Azobenzene	10.533	77	108219	5.421	ng	99
66) n-Nitrosodiphenylamine	10.492	169	92333	5.390	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	30636	5.166	ng	96
68) Hexachlorobenzene	10.927	284	32493	5.166	ng	99
69) Atrazine	11.016	200	30043	5.245	ng	99
71) Phenanthrene	11.345	178	160017	5.620	ng	98
72) Anthracene	11.398	178	150462	5.393	ng	98
73) Carbazole	11.551	167	129132	5.220	ng	99
74) Di-n-butylphthalate	11.886	149	165400	5.517	ng	99
75) Fluoranthene	12.533	202	155286	5.523	ng	99
78) Pyrene	12.763	202	166682	5.558	ng	99
80) Butylbenzylphthalate	13.386	149	52670	5.027	ng	96
81) Benzo(a)anthracene	13.957	228	113856	5.281	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	29294	4.272	ng	98
83) Chrysene	13.992	228	102490	5.187	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	70386	5.295	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	78734	4.406	ng	98
88) Benzo(b)fluoranthene	15.004	252	84985	4.880	ng	99
89) Benzo(k)fluoranthene	15.033	252	76883	4.983	ng	100
90) Benzo(a)pyrene	15.362	252	76894	5.225	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	62387	4.339	ng	99
92) Benzo(g,h,i)perylene	17.303	276	62505	4.181	ng	99

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

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