Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
Data File : BP024084.D
Acq On : 18 Feb 2025 14:34
Operator : RC/JU
Sample : Q1168-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Quant Time: Feb 18 15:07:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	357861	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1531711	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	952631	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1749717	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1475565	20.000	ng		0.00
86) Perylene-d12	25.039	264	1355182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	3034258	132.301	ng		0.00
7) Phenol-d6	6.946	99	4126248	139.982	ng		0.00
23) Nitrobenzene-d5	8.905	82	2094712	76.295	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1625451	139.300	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	5019879	73.667	ng		0.00
79) Terphenyl-d14	19.922	244	6170236	82.743	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	47705	5.302	ng		98
3) Pyridine	3.717	79	105337	4.503	ng		96
6) Aniline	7.099	93	164435	6.091	ng		98
8) 2-Chlorophenol	7.334	128	125706	5.178	ng		97
10) Phenol	6.969	94	157067	5.299	ng		94
11) bis(2-Chloroethyl)ether	7.193	93	123894	5.307	ng		98
12) 1,3-Dichlorobenzene	7.652	146	138871	5.207	ng		96
13) 1,4-Dichlorobenzene	7.793	146	140942	5.226	ng		98
14) 1,2-Dichlorobenzene	8.110	146	135337	5.229	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	134465	5.933	ng		98
17) 2-Methylphenol	8.205	107	87647	4.852	ng		98
18) Hexachloroethane	8.834	117	51582	5.311	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	88590	5.590	ng		96
22) Acetophenone	8.575	105	202044	5.133	ng	#	98
24) Nitrobenzene	8.946	77	152405	5.640	ng		96
25) Isophorone	9.469	82	238720	5.317	ng		98
26) 2-Nitrophenol	9.657	139	48890	3.927	ng	#	93
27) 2,4-Dimethylphenol	9.716	122	81306	4.976	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	163499	5.027	ng		98
29) 2,4-Dichlorophenol	10.193	162	90383	4.053	ng		98
30) 1,2,4-Trichlorobenzene	10.399	180	121636	4.761	ng		100
31) Naphthalene	10.587	128	410914	4.989	ng		99
33) 4-Chloroaniline	10.699	127	147118	5.071	ng		99
34) Hexachlorobutadiene	10.875	225	72350	4.889	ng		98
36) 4-Chloro-3-methylphenol	11.828	107	96112	4.192	ng		94
37) 2-Methylnaphthalene	12.198	142	272373	4.976	ng		99
38) 1-Methylnaphthalene	12.416	142	257632	4.838	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	139927	4.781	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	68064	3.813	ng		98
44) 2,4,5-Trichlorophenol	12.887	196	76763	3.932	ng		96
46) 1,1'-Biphenyl	13.216	154	377416	5.098	ng		99
47) 2-Chloronaphthalene	13.251	162	272535	4.870	ng		98
48) 2-Nitroaniline	13.457	65	54646	4.134	ng		94
49) Acenaphthylene	14.104	152	400154	4.853	ng		100
50) Dimethylphthalate	13.845	163	323338	4.812	ng		100
51) 2,6-Dinitrotoluene	13.957	165	59275	4.330	ng		99

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52) Acenaphthene	14.451	154	260263	4.902	ng		98
53) 3-Nitroaniline	14.287	138	58652	4.015	ng	#	87
55) Dibenzofuran	14.792	168	419479	4.864	ng		98
57) 2,4-Dinitrotoluene	14.751	165	69114	3.887	ng		88
58) Fluorene	15.451	166	317297	4.711	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	69849	4.124	ng		98
60) Diethylphthalate	15.222	149	310431	4.654	ng		97
61) 4-Chlorophenyl-phenyle...	15.451	204	157334	4.745	ng		98
62) 4-Nitroaniline	15.469	138	54710	6.235	ng		92
63) Azobenzene	15.745	77	288371	4.613	ng		96
66) n-Nitrosodiphenylamine	15.663	169	257749	4.724	ng		98
67) 4-Bromophenyl-phenylether	16.363	248	90387	4.600	ng		96
68) Hexachlorobenzene	16.481	284	112811	4.879	ng		99
69) Atrazine	16.639	200	73352	5.238	ng		99
71) Phenanthrene	17.228	178	481660	4.883	ng		99
72) Anthracene	17.328	178	438349	4.637	ng		99
73) Carbazole	17.610	167	390703	4.338	ng		100
74) Di-n-butylphthalate	18.198	149	409372	3.895	ng		99
75) Fluoranthene	19.322	202	471168	4.223	ng		100
78) Pyrene	19.698	202	498449	5.318	ng		99
80) Butylbenzylphthalate	20.657	149	138322	3.851	ng		95
81) Benzo(a)anthracene	21.627	228	447962	4.842	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	109986	3.804	ng		99
83) Chrysene	21.692	228	430082	4.820	ng		99
84) Bis(2-ethylhexyl)phtha...	21.569	149	188705	3.465	ng		96
87) Indeno(1,2,3-cd)pyrene	28.874	276	423634	4.394	ng		98
88) Benzo(b)fluoranthene	23.951	252	377257	4.384	ng		98
89) Benzo(k)fluoranthene	24.021	252	391597	4.675	ng		98
90) Benzo(a)pyrene	24.880	252	330916	4.531	ng		98
91) Dibenzo(a,h)anthracene	28.951	278	357185	4.406	ng		99
92) Benzo(g,h,i)perylene	30.056	276	375982	4.571	ng		97

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

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