Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037501.D
Acq On : 14 Nov 2022 12:17
Operator : CG/JU
Sample : N5317-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-BNA-SOIL

Quant Time: Nov 15 00:01:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	205636	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	900778	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	576914	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1211186	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1329132	20.000	ng	0.00
86) Perylene-d12	23.703	264	1231994	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1201825	110.369	ng	0.00
7) Phenol-d6	6.975	99	1721436	109.876	ng	0.00
23) Nitrobenzene-d5	8.969	82	1129131	65.140	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	964433	120.901	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2805577	67.586	ng	0.00
79) Terphenyl-d14	19.815	244	5565617	83.629	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.004	94	1152515	64.585	ng	100
11) bis(2-Chloroethyl)ether	7.228	93	2133048	147.642	ng	99
12) 1,3-Dichlorobenzene	7.681	146	2117061	134.475	ng	99
14) 1,2-Dichlorobenzene	8.145	146	1621602	101.275	ng	99
19) n-Nitroso-di-n-propyla...	8.610	70	878319	70.997	ng	98
24) Nitrobenzene	9.010	77	2223445	124.353	ng	99
25) Isophorone	9.539	82	4276807	133.738	ng	99
26) 2-Nitrophenol	9.722	139	845322	101.357	ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	1491485	80.871	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	2115965	135.222	ng	100
34) Hexachlorobutadiene	10.916	225	1122205	123.105	ng	98
36) 4-Chloro-3-methylphenol	11.898	107	1388440	88.783	ng	100
37) 2-Methylnaphthalene	12.257	142	1258099	35.030	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	1083805	89.171	ng	99
47) 2-Chloronaphthalene	13.316	162	1657672	46.139	ng	99
49) Acenaphthylene	14.163	152	2321959	40.350	ng	100
50) Dimethylphthalate	13.916	163	4878060	105.642	ng	99
51) 2,6-Dinitrotoluene	14.039	165	723769	72.948	ng	99
52) Acenaphthene	14.504	154	1580536	44.996	ng	100
55) Dibenzofuran	14.839	168	4195161	74.688	ng	100
56) 4-Nitrophenol	14.686	139	780257	80.183	ng	99
57) 2,4-Dinitrotoluene	14.827	165	851950	62.026	ng	96
58) Fluorene	15.492	166	5901907	123.905	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1674591	75.236	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	979902	72.284	ng	98
71) Phenanthrene	17.227	178	4452271	59.882	ng	99
74) Di-n-butylphthalate	18.162	149	7701427	86.806	ng	99
75) Fluoranthene	19.251	202	5792112	65.357	ng	99
78) Pyrene	19.615	202	8373635	96.066	ng	98
81) Benzo(a)anthracene	21.356	228	3489213	37.450	ng	100
83) Chrysene	21.415	228	4595233	51.087	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	7917159	143.407	ng	98
88) Benzo(b)fluoranthene	23.003	252	4796147	58.059	ng	100

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