Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110083.D
Acq On : 23 Oct 2018 17:52
Operator : JU/SJ
Sample : J5164-01
Misc : LOD 2PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:11:58 PM

Quant Time: Oct 24 04:35:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	186116	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	788522	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	386451	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	754528	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	636988	20.00	ng		-0.02
87) Perylene-d12	15.67	264	559754	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1446883	126.60	ng		-0.02
7) Phenol-d6	6.59	99	1847458	126.38	ng		-0.02
23) Nitrobenzene-d5	7.53	82	1095475	82.40	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	486914	127.20	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1952748	79.35	ng		-0.01
79) Terphenyl-d14	13.09	244	2052335	67.01	ng		-0.01
Target Compounds							Qvalue
17) 2-Methylphenol	7.20	107	22012	2.096	ng	#	82
19) n-Nitroso-di-n-propylamine	7.36	70	20324	2.167	ng		96
20) 3+4-Methylphenols	7.36	107	29033	2.139	ng		93
22) Acetophenone	7.36	105	42047	2.314	ng	#	95
25) Isophorone	7.77	82	54320	2.397	ng		96
26) 2-Nitrophenol	7.86	139	12015	1.840	ng		94
27) 2,4-Dimethylphenol	7.89	122	23069	2.130	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	34693	2.254	ng		100
29) 2,4-Dichlorophenol	8.10	162	21580	1.973	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	25376	2.071	ng		95
36) 4-Chloro-3-methylphenol	8.78	107	23773	2.010	ng		91
43) 2,4,6-Trichlorophenol	9.23	196	15201	1.957	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	15924	1.940	ng		95
57) 2,4-Dinitrotoluene	10.19	165	16104	2.063	ng	#	87
61) 4-Chlorophenyl-phenylether	10.54	204	30820	2.289	ng		91
62) 4-Nitroaniline	10.56	138	13775	1.895	ng		92
77) Benzidine	12.83	184	16241m	0.606	ng		
82) 3,3'-Dichlorobenzidine	14.09	252	20145	1.531	ng		96

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

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