Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093473.D
Acq On : 14 Jul 2017 17:22
Operator : SJ/JU
Sample : I4153-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EFFLUENT-20170710MS

Manual Integrations APPROVED
mohammad
7/17/2017 4:00:13 PM

Quant Time: Jul 17 02:15:16 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4450	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	21117	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	13175	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	26486	0.40	ng		0.00
27) Chrysene-d12	21.42	240	38998	0.40	ng		-0.01
34) Perylene-d12	23.93	264	32751	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2211	0.16	ng		0.00
5) Phenol-d6	7.10	99	2088	0.11	ng		0.00
8) Nitrobenzene-d5	9.08	82	5437	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	11994	0.36	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	978	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	20387	0.40	ng		0.00
25) Fluoranthene-d10	19.28	212	147603	0.46	ng		0.00
29) Terphenyl-d14	19.87	244	28722	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	4254	0.452	ng	#	71
3) n-Nitrosodimethylamine	3.76	42	963	0.265	ng	#	86
6) bis(2-Chloroethyl)ether	7.35	93	5310	0.356	ng	#	96
9) Naphthalene	10.77	128	77889	0.352	ng	#	73
10) Hexachlorobutadiene	11.06	225	2772	0.330	ng		99
12) 2-Methylnaphthalene	12.38	142	14065	0.379	ng		96
16) Acenaphthylene	14.26	152	20557	0.375	ng	#	87
17) Acenaphthene	14.60	154	15120	0.376	ng		99
18) Fluorene	15.58	166	21676	0.393	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	9170	0.631	ng	#	1
21) Hexachlorobenzene	16.58	284	7754	0.495	ng	#	100
22) Pentachlorophenol	16.91	266	1183	0.581	ng	#	79
23) Phenanthrene	17.30	178	40457	0.420	ng		96
24) Anthracene	17.40	178	23086m	0.391	ng		
26) Fluoranthene	19.31	202	43177	0.477	ng		99
28) Pyrene	19.67	202	43231	0.394	ng	#	98
30) Benzo(a)anthracene	21.40	228	39543	0.376	ng		95
31) Chrysene	21.46	228	41662	0.378	ng		96
32) Bis(2-ethylhexyl)phthalate	21.33	149	59012	0.389	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.57	276	39922	0.413	ng		94
35) Benzo(b)fluoranthene	23.16	252	39831	0.377	ng	#	96
36) Benzo(k)fluoranthene	23.21	252	38592m	0.369	ng		
37) Benzo(a)pyrene	23.82	252	35197	0.380	ng		95
38) Dibenzo(a,h)anthracene	26.60	278	33346	0.371	ng	#	90
39) Benzo(g,h,i)perylene	27.39	276	33734	0.371	ng		92

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

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