

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\  
 Data File : BM004505.D  
 Acq On : 02 Mar 2016 04:57  
 Operator : SJ/UM  
 Sample : SSTDICCO.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDICCO.8

Manual Integrations  
 APPROVED

UMANGI  
 3/2/2016 1:19:16 PM

Quant Time: Mar 02 07:05:09 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 02 06:56:42 2016  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20898	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	79724	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	40798	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	91973	5.00	ng	0.00
26) Chrysene-d12	21.23	240	73871	5.00	ng	0.00
35) Perylene-d12	23.45	264	70450	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2951	0.62	ng	0.00
5) Phenol-d6	6.83	99	3495	0.65	ng	0.00
8) Nitrobenzene-d5	8.79	82	2565	0.64	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	800	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	9146	0.73	ng	0.00
29) Terphenyl-d14	19.67	244	9368	0.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	1496	0.62	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.43	42	1044	0.51	ng	99
6) bis(2-Chloroethyl)ether	7.05	93	3019	0.54	ng	96
9) Nitrobenzene	8.84	77	2766	0.52	ng	100
10) Naphthalene	10.44	128	13522	0.55	ng	99
11) Hexachlorobutadiene	10.72	225	2338	0.65	ng	100
12) 2-Methylnaphthalene	12.08	142	8216	0.61	ng	98
16) Acenaphthylene	13.97	152	12746	0.56	ng	100
17) Acenaphthene	14.33	154	8657	0.58	ng	99
18) Fluorene	15.33	166	10542	0.58	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	2493	0.51	ng	# 98
21) Hexachlorobenzene	16.35	284	3046	0.55	ng	# 100
22) Pentachlorophenol	16.73	266	314m	0.24	ng	
23) Phenanthrene	17.06	178	16051	0.51	ng	100
24) Anthracene	17.16	178	13343	0.51	ng	99
25) Fluoranthene	19.11	202	18624	0.55	ng	100
27) Benzidine	19.33	184	4002	0.51	ng	# 92
28) Pyrene	19.47	202	20014	0.69	ng	100
30) Benzo(a)anthracene	21.21	228	16763	0.63	ng	100
31) 3,3'-Dichlorobenzidine	21.16	252	5164	0.33	ng	99
32) Chrysene	21.27	228	18954	0.35	ng	99
33) Bis(2-ethylhexyl)phthalate	21.12	149	10133	0.51	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.70	276	15652	0.63	ng	100
36) Benzo(b)fluoranthene	22.80	252	18687	0.70	ng	99
37) Benzo(k)fluoranthene	22.84	252	16278	0.62	ng	99
38) Benzo(a)pyrene	23.36	252	14987	0.62	ng	100
39) Dibenzo(a,h)anthracene	25.70	278	12108	0.58	ng	99
40) Benzo(g,h,i)perylene	26.39	276	13844	0.60	ng	99

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

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