Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
Data File : BN005888.D
Acq On : 23 May 2019 19:25
Operator : JU/SJ
Sample : K2923-18MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4263MSD

Manual Integrations APPROVED
Sohil
5/24/2019 5:02:11 PM

Quant Time: May 24 05:47:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	65342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	285518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	193388	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	494440	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	558637	20.00	ng/ul	0.01
85) Perylene-d12	23.40	264	537544	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	6151	5.27	ng/uL	0.00
5) Phenol-d5	6.76	99	131583	26.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	75415	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	117128	28.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	96437	22.33	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	59567	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	65408	27.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	130621	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	126217	24.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	472635	31.76	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	562101	31.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	48920m	23.34	ng/ul	0.01
57) Fluorene-d10	15.20	176	421588	32.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	24646	8.29	ng/ul	0.02
70) Anthracene-d10	17.06	188	703465	32.93	ng/ul	0.00
78) Pyrene-d10	19.38	212	955572	34.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	880187	36.50	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.79	94	150002	29.140	ng/ul	91
10) 2-Chlorophenol	7.13	128	120555	29.318	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.36	70	97886	29.319	ng/ul	95
33) 4-Chloro-3-methylphenol	11.65	107	138740	27.911	ng/ul	97
44) Dimethylphthalate	13.67	163	135580	9.241	ng/ul	99
49) Acenaphthene	14.26	153	392262	33.253	ng/ul	98
52) 4-Nitrophenol	14.48	109	61691m	31.512	ng/ul	
54) 2,4-Dinitrotoluene	14.62	165	149098	32.185	ng/ul	98
68) Pentachlorophenol	16.63	266	74956	27.970	ng/ul	98
69) Phenanthrene	17.00	178	27872	1.137	ng/ul	99
76) Fluoranthene	19.05	202	142192	4.693	ng/ul#	89
79) Pyrene	19.41	202	1345190	39.212	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	71474	2.031	ng/ul	95
84) Chrysene	21.24	228	66986	2.019	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	72672	2.457	ng/ul#	95
90) Benzo(a)pyrene	23.32	252	46204	1.613	ng/ul	98

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

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