

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000377.D
 Acq On : 23 Sep 2019 21:54
 Operator : HP/JU
 Sample : K4980-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1

Manual Integrations
 APPROVED

mohammad
 9/24/2019 2:38:57 PM

Quant Time: Sep 24 05:07:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	180367	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	647311	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	366805	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	738550	20.00	ng	0.00
76) Chrysene-d12	13.99	240	628450	20.00	ng	0.00
87) Perylene-d12	15.47	264	722776	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1490110	142.62	ng	0.02
7) Phenol-d6	6.43	99	1860032	145.24	ng	0.01
23) Nitrobenzene-d5	7.35	82	829016	82.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	548382	150.73	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1814798	89.05	ng	0.00
79) Terphenyl-d14	12.93	244	2403296	80.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Acenaphthylene	9.69	152	89931	2.811	ng	99
50) Dimethylphthalate	9.55	163	204232	8.172	ng	99
71) Phenanthrene	11.35	178	127788	3.453	ng	98
75) Fluoranthene	12.55	202	219265	5.517	ng	98
78) Pyrene	12.78	202	313980	6.678	ng	98
81) Benzo(a)anthracene	13.98	228	158106m	3.983	ng	
83) Chrysene	14.02	228	148549	3.811	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	95862m	2.018	ng	
88) Benzo(b)fluoranthene	15.04	252	186461m	4.324	ng	
90) Benzo(a)pyrene	15.41	252	151559	3.863	ng	97
92) Benzo(g,h,i)perylene	17.39	276	97210	2.585	ng	94

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

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