

Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 26 01:53:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	40367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	253866m	20.00	ng/ul	0.07
35) Acenaphthene-d10	14.22	164	152736	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	419263	20.00	ng/ul	0.01
77) Chrysene-d12	21.19	240	295119	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	257115	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4000m	4.43	ng/uL	0.00
5) Phenol-d5	6.75	99	19466	5.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	56101	27.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	63905	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	40375	13.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	45523	24.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	50954	23.13	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	92801	20.69	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	133783m	24.53	ng/ul	-0.02
43) Dimethylphthalate-d6	13.67	166	358673	26.67	ng/ul	0.04
46) Acenaphthylene-d8	13.90	160	396828	27.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	32207	16.16	ng/ul	-0.02
57) Fluorene-d10	15.22	176	331259	29.70	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.41	200	28945	8.95	ng/ul	0.03
70) Anthracene-d10	17.09	188	928483	41.82	ng/ul	0.01
78) Pyrene-d10	19.39	212	664560	43.33	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.24	264	433545	30.69	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	6.78	94	15348	4.114	ng/ul#	64
10) 2-Chlorophenol	7.13	128	14926	5.112	ng/ul	94
11) 2-Methylphenol	8.01	108	242077	82.402	ng/ul	96
14) Acetophenone	8.42	105	14267	2.733	ng/ul#	92
16) 4-Methylphenol	8.34	108	81055	25.094	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	1128834	198.915	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	41838	9.207	ng/ul#	92
28) Naphthalene	10.42	128	45061709m	3216.413	ng/ul	
34) 2-Methylnaphthalene	12.02	142	2072781	192.025	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	1150729	92.577	ng/ul	99
47) Acenaphthylene	13.93	152	57066	3.799	ng/ul#	71
49) Acenaphthene	14.32	153	12636785	1184.774	ng/ul	97
53) Dibenzofuran	14.65	168	8329326	524.318	ng/ul	87
58) Fluorene	15.30	166	6403945	478.612	ng/ul	99
68) Pentachlorophenol	16.65	266	80757	19.991	ng/ul	96
69) Phenanthrene	17.04	178	10006101	398.931	ng/ul	96
71) Anthracene	17.12	178	504872	19.343	ng/ul	98
74) Carbazole	17.43	167	8656206	367.177	ng/ul	97
76) Fluoranthene	19.06	202	753035	19.923	ng/ul	98
79) Pyrene	19.42	202	426129	22.308	ng/ul	97
82) Benzo(a)anthracene	21.17	228	30156	1.358	ng/ul#	90
84) Chrysene	21.23	228	24563m	1.183	ng/ul	

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (QT Reviewed)

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

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