

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022361.D
 Acq On : 27 Aug 2019 10:42
 Operator : HP/JU
 Sample : K4414-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJR1

Manual Integrations
 APPROVED

mohammad
 8/28/2019 10:11:49 AM

Quant Time: Aug 27 18:57:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	35620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	247250m	20.00	ng/ul	0.06
35) Acenaphthene-d10	14.20	164	113371	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	254412	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	233732	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	205304	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4810m	6.04	ng/uL	0.00
5) Phenol-d5	6.77	99	28742	9.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	57025	31.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	69965	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	52689	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	44432	24.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	51900	24.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	94241	21.58	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	19380m	3.65	ng/ul	-0.02
43) Dimethylphthalate-d6	13.63	166	349168	34.97	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	383482	35.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	15785m	10.67	ng/ul	0.03
57) Fluorene-d10	15.20	176	302401	36.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	51440	26.20	ng/ul	0.00
70) Anthracene-d10	17.06	188	516736	38.36	ng/ul	-0.01
78) Pyrene-d10	19.37	212	587030	48.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	425411	37.72	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.80	94	42819	13.008	ng/ul 90
11) 2-Methylphenol	8.02	108	80211	30.942	ng/ul 83
14) Acetophenone	8.38	105	79966	17.361	ng/ul 93
16) 4-Methylphenol	8.33	108	80290	28.170	ng/ul 92
21) Isophorone	9.30	82	185967	18.795	ng/ul 99
24) 2,4-Dimethylphenol	9.57	107	22521m	4.075	ng/ul
28) Naphthalene	10.40	128	52369812m	3838.075	ng/ul
34) 2-Methylnaphthalene	12.00	142	2024522	192.573	ng/ul 96
40) 1,1'-Biphenyl	13.02	154	345511	37.448	ng/ul 99
44) Dimethylphthalate	13.67	163	21296	2.096	ng/ul# 98
47) Acenaphthylene	13.93	152	1342508	120.393	ng/ul 99
49) Acenaphthene	14.26	153	84188	10.634	ng/ul 98
53) Dibenzofuran	14.60	168	18948	1.607	ng/ul 89
58) Fluorene	15.26	166	421557	42.445	ng/ul 100
69) Phenanthrene	17.02	178	2913136	191.401	ng/ul 99
71) Anthracene	17.10	178	509786	32.187	ng/ul 99
74) Carbazole	17.39	167	89485	6.255	ng/ul 99
76) Fluoranthene	19.04	202	1002341	43.702	ng/ul# 97
79) Pyrene	19.41	202	1625663m	107.456	ng/ul
82) Benzo(a)anthracene	21.16	228	326516m	18.561	ng/ul
84) Chrysene	21.21	228	238275	14.486	ng/ul 97
87) Benzo(b)fluoranthene	22.72	252	196401	13.752	ng/ul 100
88) Benzo(k)fluoranthene	22.75	252	65221m	4.709	ng/ul

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90) Benzo(a)pyrene	23.27	252	257921	18.947	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.55	276	107897	6.826	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.56	278	21613	1.611	ng/ul#	92
93) Benzo(g,h,i)perylene	26.22	276	135575	11.243	ng/ul	98

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

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