

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
 Data File : BN009450.D
 Acq On : 28 Jan 2020 14:37
 Operator : CG/JU
 Sample : L1193-18MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASP4MSD

Manual Integrations
 APPROVED

mohammad
 1/30/2020 8:03:38 AM

Quant Time: Jan 28 15:15:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	177119	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	747206	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	697491	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.87	188	875573m	20.00	ng/ul	0.02
77) Chrysene-d12	21.07	240	716690	20.00	ng/ul	0.02
85) Perylene-d12	23.20	264	869917	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	15111	3.53	ng/uL	0.00
5) Phenol-d5	6.66	99	347490	22.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	239662	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	276774	24.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	292578	23.40	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	142387	26.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	165160	28.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	287572	25.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	177116	12.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.55	166	750600	14.54	ng/ul	0.03
46) Acenaphthylene-d8	13.82	160	1022475	16.69	ng/ul	0.04
51) 4-Nitrophenol-d4	14.35	143	219872	22.89	ng/ul	0.02
57) Fluorene-d10	15.12	176	758989	16.75	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.30	200	85180m	16.07	ng/ul	0.07
70) Anthracene-d10	16.99	188	1089118	26.89	ng/ul	0.05
78) Pyrene-d10	19.27	212	1140903	29.59	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.06	264	1146746	26.11	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.62	77	10202	1.237	ng/ul	95
6) Phenol	6.68	94	396666	24.106	ng/ul	95
10) 2-Chlorophenol	7.03	128	269616	22.599	ng/ul	91
14) Acetophenone	8.28	105	64076	3.173	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.26	70	237668	21.669	ng/ul	90
24) 2,4-Dimethylphenol	9.42	107	21890	1.520	ng/ul#	85
28) Naphthalene	10.28	128	14146036	351.803	ng/ul	98
33) 4-Chloro-3-methylphenol	11.59	107	332262m	24.740	ng/ul	
34) 2-Methylnaphthalene	11.90	142	68335194m	2468.583	ng/ul	
40) 1,1'-Biphenyl	12.93	154	4900409	92.784	ng/ul	99
44) Dimethylphthalate	13.60	163	247188	4.651	ng/ul	97
47) Acenaphthylene	13.86	152	16123471	243.843	ng/ul#	92
49) Acenaphthene	14.19	153	4499371	99.742	ng/ul	97
52) 4-Nitrophenol	14.36	109	129311	14.542	ng/ul#	25
53) Dibenzofuran	14.52	168	6485102	103.471	ng/ul	95
54) 2,4-Dinitrotoluene	14.49	165	336135	22.287	ng/ul#	47
58) Fluorene	15.19	166	16512792	314.426	ng/ul	98
68) Pentachlorophenol	16.55	266	149119m	26.206	ng/ul	
69) Phenanthrene	16.91	178	44354818m	897.799	ng/ul	
71) Anthracene	17.02	178	5941832	118.124	ng/ul	98
76) Fluoranthene	18.95	202	17739393m	313.228	ng/ul	
79) Pyrene	19.30	202	23718041m	457.055	ng/ul	
82) Benzo(a)anthracene	21.06	228	11052514	226.461	ng/ul#	94

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84) Chrysene	21.12	228	10491198	220.667	ng/ul	92
87) Benzo(b)fluoranthene	22.59	252	5589608m	101.622	ng/ul	
88) Benzo(k)fluoranthene	22.60	252	2475095m	45.764	ng/ul	
90) Benzo(a)pyrene	23.10	252	2643687	53.546	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.27	276	2165413	36.191	ng/ul	97
92) Dibenzo(a,h)anthracene	25.28	278	950075	18.821	ng/ul	98
93) Benzo(q,h,i)perylene	25.90	276	1616953	32.489	ng/ul	95

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

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