

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
 Data File : BN009449.D
 Acq On : 28 Jan 2020 14:01
 Operator : CG/JU
 Sample : L1193-17MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASP4MS

Manual Integrations
 APPROVED

mohammad
 1/30/2020 8:03:35 AM

Quant Time: Jan 28 14:59:28 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	186152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	743994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	677870	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.87	188	839983	20.00	ng/ul	0.02
77) Chrysene-d12	21.07	240	740801	20.00	ng/ul	0.02
85) Perylene-d12	23.19	264	867811m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	15456	3.43	ng/uL	0.00
5) Phenol-d5	6.65	99	354940	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	242352	20.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	278957	23.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	292210	22.24	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	141092	26.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	156812	27.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	291251	25.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	204498	15.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.55	166	735219	14.65	ng/ul	0.03
46) Acenaphthylene-d8	13.82	160	1009925	16.96	ng/ul	0.04
51) 4-Nitrophenol-d4	14.35	143	224353	24.03	ng/ul	0.02
57) Fluorene-d10	15.12	176	742630	16.87	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.30	200	97257m	19.12	ng/ul	0.06
70) Anthracene-d10	16.99	188	1075768	27.68	ng/ul	0.04
78) Pyrene-d10	19.27	212	1131626	28.39	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.06	264	1125065	25.68	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.62	77	10487	1.210	ng/ul#	88
6) Phenol	6.68	94	408696	23.632	ng/ul	94
10) 2-Chlorophenol	7.03	128	272273	21.714	ng/ul	93
14) Acetophenone	8.28	105	62968	2.966	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.26	70	241037	20.909	ng/ul	88
24) 2,4-Dimethylphenol	9.42	107	21321	1.486	ng/ul#	83
28) Naphthalene	10.27	128	14169143	353.899	ng/ul	98
33) 4-Chloro-3-methylphenol	11.58	107	329866m	24.667	ng/ul	
34) 2-Methylnaphthalene	11.90	142	68199471m	2474.316	ng/ul	
40) 1,1'-Biphenyl	12.93	154	4950297	96.442	ng/ul	98
44) Dimethylphthalate	13.59	163	246284	4.768	ng/ul	99
47) Acenaphthylene	13.86	152	16061914	249.943	ng/ul#	91
49) Acenaphthene	14.18	153	4518990	103.076	ng/ul	98
52) 4-Nitrophenol	14.36	109	143351m	16.587	ng/ul	
53) Dibenzofuran	14.52	168	6405995	105.168	ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	337976	23.058	ng/ul#	53
58) Fluorene	15.19	166	16338575	320.114	ng/ul	98
68) Pentachlorophenol	16.55	266	145559	26.664	ng/ul	90
69) Phenanthrene	16.91	178	43295548m	913.490	ng/ul	
71) Anthracene	17.02	178	5803749	120.268	ng/ul	98
74) Carbazole	17.27	167	49214	1.191	ng/ul#	1
76) Fluoranthene	18.94	202	17555396m	323.113	ng/ul	
79) Pyrene	19.30	202	23216519m	432.829	ng/ul	

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82) Benzo(a)anthracene	21.06	228	11131480m	220.656	ng/ul	
84) Chrysene	21.12	228	10280970	209.207	ng/ul	97
87) Benzo(b)fluoranthene	22.59	252	5789657m	105.514	ng/ul	
88) Benzo(k)fluoranthene	22.60	252	2295691m	42.550	ng/ul	
90) Benzo(a)pyrene	23.10	252	2595364	52.695	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.27	276	2233309m	37.416	ng/ul	
92) Dibenzo(a,h)anthracene	25.28	278	969580m	19.254	ng/ul	
93) Benzo(a,h,i)perylene	25.90	276	1613825m	32.505	ng/ul	

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

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