

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037685.D
 Acq On : 27 Sep 2021 18:02
 Operator : SY/AP
 Sample : M3896-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:05:11 AM

Quant Time: Sep 28 20:25:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1592779	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.22	114	4554649	10.00	ppbv	0.06
55) Chlorobenzene-d5	12.11	117	4019919	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2847859	9.80	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.06	85	39024m	0.135	ppbv	
4) Chloromethane	3.15	50	29701	0.268	ppbv	94
7) Chloroethane	3.57	64	625238	16.046	ppbv	99
9) Propene	3.03	41	105523	0.996	ppbv	84
10) Heptane	8.16	43	29964	0.121	ppbv #	55
11) Trichlorofluoromethane	3.96	101	8788574	37.981	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.50	101	20121125	117.804	ppbv	98
13) Ethanol	3.62	45	314182	30.309	ppbv	95
15) Acetone	3.87	43	1591560	9.617	ppbv	98
18) 1,1-Dichloroethene	4.30	96	8466281	106.406	ppbv	82
19) Isopropyl Alcohol	3.99	45	160115	1.778	ppbv #	71
20) Methylene Chloride	4.36	84	2770634	35.069	ppbv	95
24) 1,1-Dichloroethane	5.02	63	49440216m	301.372	ppbv	
26) Hexane	5.71	57	3346257	17.575	ppbv #	46
27) Carbon Disulfide	4.56	76	125077	0.718	ppbv #	85
29) Chloroform	5.77	83	547181m	1.968	ppbv	
30) Cyclohexane	7.17	84	87609m	0.538	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	140092m	0.811	ppbv	
32) 1,1,1-Trichloroethane	6.53	97	95754808m	369.944	ppbv	
34) 2-Butanone	5.31	43	820346	4.432	ppbv	97
36) Benzene	6.95	78	154633	0.407	ppbv	98
37) 1,2-Dichloroethane	6.39	62	153536m	0.822	ppbv	
38) Trichloroethene	7.88	130	561140	3.537	ppbv	96
41) Tetrahydrofuran	6.12	42	3348235	38.480	ppbv	98
47) 1,1,2-Trichloroethane	9.51	97	140389	0.872	ppbv	90
50) 4-Methyl-2-Pentanone	8.78	43	32840m	0.140	ppbv	
51) 2-Hexanone	10.16	43	132159m	1.275	ppbv	
52) Tetrachloroethene	11.25	164	1578397	10.825	ppbv	98
53) Toluene	9.83	91	409886	0.971	ppbv	97
58) Ethyl Benzene	12.73	91	250578	0.470	ppbv	99
59) m/p-Xylene	12.98	91	579085	1.245	ppbv	93
60) o-Xylene	13.70	91	294772	0.666	ppbv	98
61) Styrene	13.54	104	146882m	0.673	ppbv	
62) Isopropylbenzene	14.68	105	128379m	0.208	ppbv	
72) 4-Ethyltoluene	15.85	105	49307m	0.097	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	57798m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	178717m	0.358	ppbv	

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

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