

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071719\
 Data File : VL034038.D
 Acq On : 17 Jul 2019 19:13
 Operator : SY/AP
 Sample : K3804-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 1:37:15 AM

Quant Time: Jul 18 12:47:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	1037734	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2812924	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.20	117	2801951	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2137475	8.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	44172m	0.206	ppbv	
3) Chlorodifluoromethane	2.99	51	147787m	1.153	ppbv	
9) Propene	3.01	41	2941479	62.398	ppbv	94
10) Heptane	8.20	43	84803	0.718	ppbv	88
11) Trichlorofluoromethane	3.98	101	706699	2.935	ppbv	98
13) Ethanol	3.67	45	23033211	1572.796	ppbv	97
15) Acetone	3.87	43	13041541	74.748	ppbv #	87
20) Methylene Chloride	4.39	84	56880	0.747	ppbv #	89
26) Hexane	5.74	57	177067	1.621	ppbv #	72
27) Carbon Disulfide	4.59	76	10377337	55.898	ppbv	95
29) Chloroform	5.81	83	151486m	0.738	ppbv	
30) Cyclohexane	7.21	84	68957m	0.818	ppbv	
34) 2-Butanone	5.29	43	1176783	7.905	ppbv	98
35) Carbon Tetrachloride	7.10	117	19228m	0.086	ppbv	
36) Benzene	6.97	78	505245	2.295	ppbv	96
38) Trichloroethene	7.92	130	30141	0.308	ppbv #	83
41) Tetrahydrofuran	6.11	42	86019	1.178	ppbv #	71
44) 2,2,4-Trimethylpentane	7.95	57	98438	0.259	ppbv #	68
50) 4-Methyl-2-Pentanone	8.83	43	53570m	0.242	ppbv	
52) Tetrachloroethene	11.32	164	46738m	0.493	ppbv	
53) Toluene	9.90	91	1096386	4.352	ppbv	100
58) Ethyl Benzene	12.82	91	203097	0.603	ppbv	90
59) m/p-Xylene	13.07	91	642370	2.105	ppbv	100
60) o-Xylene	13.80	91	254441	0.834	ppbv	99
61) Styrene	13.64	104	58663	0.290	ppbv	89
62) Isopropylbenzene	14.78	105	108399	0.231	ppbv	96
74) 1,2,4-Trimethylbenzene	16.87	105	102649m	0.254	ppbv	

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

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