

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071719\
 Data File : VL034042.D
 Acq On : 17 Jul 2019 21:53
 Operator : SY/AP
 Sample : K3804-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 1:37:23 AM

Quant Time: Jul 18 07:48:29 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	868866	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.25	114	2513394	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.19	117	2534079	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2092389	9.68	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	23505m	0.131	ppbv
3) Chlorodifluoromethane	2.99	51	467458m	4.357	ppbv
9) Propene	3.02	41	194252	4.922	ppbv # 73
10) Heptane	8.20	43	566755	5.735	ppbv 100
11) Trichlorofluoromethane	3.99	101	573311	2.844	ppbv 99
13) Ethanol	3.67	45	19033584	1552.286	ppbv 96
15) Acetone	3.88	43	10072778	68.953	ppbv 93
20) Methylene Chloride	4.38	84	63321m	0.994	ppbv
26) Hexane	5.75	57	866473	9.477	ppbv # 49
27) Carbon Disulfide	4.60	76	244378	1.572	ppbv # 94
29) Chloroform	5.82	83	398995	2.322	ppbv 99
30) Cyclohexane	7.21	84	157571	2.232	ppbv 94
32) 1,1,1-Trichloroethane	6.59	97	9305m	0.053	ppbv
34) 2-Butanone	5.30	43	370849	2.788	ppbv 98
35) Carbon Tetrachloride	7.10	117	11815m	0.059	ppbv
36) Benzene	6.97	78	780493	3.969	ppbv 97
38) Trichloroethene	7.91	130	12437m	0.142	ppbv
41) Tetrahydrofuran	6.11	42	129723m	1.989	ppbv
44) 2,2,4-Trimethylpentane	7.95	57	209634	0.618	ppbv # 11
50) 4-Methyl-2-Pentanone	8.84	43	38330m	0.194	ppbv
52) Tetrachloroethene	11.32	164	175547	2.074	ppbv 92
53) Toluene	9.90	91	1395988	6.201	ppbv 100
58) Ethyl Benzene	12.82	91	222175	0.729	ppbv 96
59) m/p-Xylene	13.07	91	665336	2.411	ppbv 99
60) o-Xylene	13.80	91	257409m	0.933	ppbv
61) Styrene	13.64	104	59446m	0.325	ppbv
62) Isopropylbenzene	14.78	105	138723	0.327	ppbv 97
74) 1,2,4-Trimethylbenzene	16.87	105	100682m	0.276	ppbv

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

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