

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035003.D
 Acq On : 13 May 2020 1:29
 Operator : SY/AP
 Sample : L2566-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 2:08:36 PM

Quant Time: May 18 11:05:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1040960	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	2467660m	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2779171	10.00	ppbv	0.24

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1780850	7.92	ppbv	0.12	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.21	62	10155	0.153	ppbv	92
9) Propene	2.97	41	195839m	3.797	ppbv	
10) Heptane	8.19	43	95120m	0.736	ppbv	
13) Ethanol	3.56	45	201303	11.829	ppbv	96
15) Acetone	3.82	43	214762m	1.561	ppbv	
18) 1,1-Dichloroethene	4.25	96	542004	11.518	ppbv	98
19) Isopropyl Alcohol	3.94	45	324028	3.531	ppbv #	97
20) Methylene Chloride	4.31	84	38185	0.838	ppbv	93
22) trans-1,2-Dichloroethene	4.86	96	226023	4.849	ppbv	93
26) Hexane	5.67	57	153393	1.531	ppbv #	44
28) Methyl tert-Butyl Ether	5.02	73	31299m	0.205	ppbv	
29) Chloroform	5.73	83	2416869	14.739	ppbv	100
30) Cyclohexane	7.12	84	69949	0.904	ppbv	95
31) cis-1,2-Dichloroethene	5.53	61	6129930	62.690	ppbv	91
32) 1,1,1-Trichloroethane	6.50	97	270128	1.824	ppbv	99
35) Carbon Tetrachloride	7.02	117	13426m	0.086	ppbv	
36) Benzene	6.90	78	577008m	2.836	ppbv	
38) Trichloroethene	7.98	130	65400999m	829.779	ppbv	
47) 1,1,2-Trichloroethane	9.54	97	231810m	2.693	ppbv	
52) Tetrachloroethene	11.44	164	174977963m	2418.742	ppbv	
53) Toluene	9.88	91	1042304m	4.833	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.39	131	1031398	8.229	ppbv #	63
58) Ethyl Benzene	12.94	91	126788m	0.369	ppbv	
59) m/p-Xylene	13.18	91	291623m	0.964	ppbv	
60) o-Xylene	13.88	91	103708m	0.348	ppbv	
61) Styrene	13.71	104	34316m	0.182	ppbv	
62) Isopropylbenzene	14.81	105	365862	0.821	ppbv	97
74) 1,2,4-Trimethylbenzene	16.86	105	61880m	0.175	ppbv	

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

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