

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031277.D
 Acq On : 20 Dec 2017 20:03
 Operator : SY/AP
 Sample : I7005-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-2

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:54:53 PM

Quant Time: Dec 22 04:44:58 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1630312	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3846595	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.43	117	3551137	10.00	ppbv	0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.76	95	3333534	13.20	ppbv	0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	132.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	36681	0.27	ppbv	90
3) Chlorodifluoromethane	3.12	51	32964	0.18	ppbv #	90
9) Propene	3.14	41	765777	8.42	ppbv	94
10) Heptane	8.41	43	286646	1.04	ppbv	99
11) Trichlorofluoromethane	4.13	101	88158	0.39	ppbv	89
13) Ethanol	3.77	45	377643	14.39	ppbv	99
15) Acetone	4.02	43	3897122	18.11	ppbv #	70
17) tert-Butyl alcohol	4.49	59	665101	5.51	ppbv	97
20) Methylene Chloride	4.54	84	21818	0.31	ppbv	96
26) Hexane	5.93	57	279441	1.34	ppbv #	9
27) Carbon Disulfide	4.76	76	197281	0.94	ppbv	97
29) Chloroform	6.00	83	7811729	27.75	ppbv	95
30) Cyclohexane	7.41	84	46786	0.25	ppbv #	68
32) 1,1,1-Trichloroethane	6.78	97	31131	0.10	ppbv	97
34) 2-Butanone	5.47	43	9052649	33.32	ppbv	97
36) Benzene	7.17	78	351529	0.86	ppbv	97
38) Trichloroethene	8.13	130	317575	2.00	ppbv	97
41) Tetrahydrofuran	6.31	42	55239m	0.36	ppbv	
42) Bromodichloromethane	8.09	83	63985m	0.24	ppbv	
44) 2,2,4-Trimethylpentane	8.16	57	238994	0.39	ppbv #	71
52) Tetrachloroethene	11.57	164	12415312	82.55	ppbv	95
53) Toluene	10.13	91	42354877m	95.77	ppbv	
58) Ethyl Benzene	13.05	91	6880942	11.74	ppbv	100
59) m/p-Xylene	13.31	91	16807117	35.81	ppbv	97
60) o-Xylene	14.04	91	6780680	14.33	ppbv	100
61) Styrene	13.87	104	103512	0.76	ppbv #	57
62) Isopropylbenzene	15.01	105	253878	0.41	ppbv	99
64) n-propylbenzene	15.91	120	68814	0.42	ppbv #	54
72) 4-Ethyltoluene	16.19	105	306102	0.59	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.35	105	375585	0.81	ppbv	95
74) 1,2,4-Trimethylbenzene	17.11	105	740812	1.53	ppbv #	74

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

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