

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031287.D
 Acq On : 21 Dec 2017 2:37
 Operator : SY/AP
 Sample : I7005-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-7

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:55:06 PM

Quant Time: Dec 22 06:31:55 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	5.92	49	1403900	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3734464	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3334411	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2631067	11.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	72314	0.61	ppbv	96
4) Chloromethane	3.27	50	40460	0.47	ppbv	89
6) Bromomethane	3.63	94	5992	0.11	ppbv	98
9) Propene	3.13	41	4708128	60.10	ppbv	96
10) Heptane	8.41	43	1074890	4.51	ppbv	100
11) Trichlorofluoromethane	4.13	101	45244	0.23	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.69	101	9935	0.07	ppbv	96
13) Ethanol	3.77	45	540680	23.93	ppbv	99
15) Acetone	4.02	43	7122595	38.44	ppbv #	79
17) tert-Butyl alcohol	4.49	59	635957	6.12	ppbv	97
20) Methylene Chloride	4.55	84	52385	0.85	ppbv	96
26) Hexane	5.93	57	1735299	9.67	ppbv #	41
27) Carbon Disulfide	4.76	76	426114	2.37	ppbv	97
29) Chloroform	6.00	83	27995	0.12	ppbv	98
30) Cyclohexane	7.41	84	423059	2.68	ppbv #	77
34) 2-Butanone	5.47	43	12386683	46.96	ppbv	91
36) Benzene	7.17	78	711588	1.80	ppbv	99
38) Trichloroethene	8.13	130	9234	0.06	ppbv #	71
41) Tetrahydrofuran	6.30	42	64737	0.44	ppbv #	90
44) 2,2,4-Trimethylpentane	8.16	57	517499	0.87	ppbv #	35
50) 4-Methyl-2-Pentanone	9.04	43	166097	0.51	ppbv	99
51) 2-Hexanone	10.44	43	1738694	5.64	ppbv #	93
52) Tetrachloroethene	11.55	164	20527m	0.14	ppbv	
53) Toluene	10.12	91	1043637	2.43	ppbv	98
58) Ethyl Benzene	13.03	91	751511	1.37	ppbv	99
59) m/p-Xylene	13.29	91	921245	2.09	ppbv	100
60) o-Xylene	14.02	91	415878	0.94	ppbv	97
61) Styrene	13.85	104	69231m	0.54	ppbv	
62) Isopropylbenzene	15.00	105	246336	0.42	ppbv	99
64) n-propylbenzene	15.89	120	29165	0.19	ppbv	69
72) 4-Ethyltoluene	16.17	105	105169	0.22	ppbv #	74
73) 1,3,5-Trimethylbenzene	16.33	105	170903	0.39	ppbv	99
74) 1,2,4-Trimethylbenzene	17.10	105	225830m	0.50	ppbv	

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

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