

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
 Data File : VL026244.D
 Acq On : 21 Oct 2015 19:05
 Operator : SY/MD
 Sample : G4128-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFF

Manual Integrations
 APPROVED

MMDadoda
 10/22/2015 4:35:58 PM

Quant Time: Oct 22 14:11:45 2015

Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 22 2015

QLast Update : Wed Oct 21 01:20:55 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.62	49	466976	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.30	114	1356813	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.71	117	1705022	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	1332855	10.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.62	85	14052	0.15	ppbv	94
3) Chlorodifluoromethane	3.55	51	41773m	0.71	ppbv	
4) Chloromethane	3.73	50	228838	7.17	ppbv	100
6) Bromomethane	4.12	94	1665	0.07	ppbv	98
7) Chloroethane	4.22	64	3855	0.27	ppbv #	79
9) Propene	3.57	41	20989	0.76	ppbv	92
10) Heptane	9.32	43	24459	0.26	ppbv	100
11) Trichlorofluoromethane	4.67	101	199346	2.10	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.28	101	13153	0.20	ppbv	97
13) Ethanol	4.31	45	6940	1.67	ppbv	93
15) Acetone	4.57	43	876417	12.75	ppbv	100
18) 1,1-Dichloroethene	5.06	96	14167	0.48	ppbv	93
20) Methylene Chloride	5.12	84	25009	0.91	ppbv	94
22) trans-1,2-Dichloroethene	5.74	96	25459	0.67	ppbv	94
26) Hexane	6.63	57	49123	0.76	ppbv #	49
27) Carbon Disulfide	5.36	76	12453	0.15	ppbv #	40
29) Chloroform	6.72	83	25056	0.27	ppbv	97
31) cis-1,2-Dichloroethene	6.49	61	2757449	47.16	ppbv	97
32) 1,1,1-Trichloroethane	7.57	97	17030	0.16	ppbv	96
34) 2-Butanone	6.18	43	175461	2.29	ppbv	100
35) Carbon Tetrachloride	8.13	117	3870	0.04	ppbv #	75
36) Benzene	7.99	78	37563	0.27	ppbv	97
37) 1,2-Dichloroethane	7.35	62	13310	0.19	ppbv #	94
38) Trichloroethene	9.03	130	1782450	26.59	ppbv	97
41) Tetrahydrofuran	7.12	42	13124	0.30	ppbv	94
50) 4-Methyl-2-Pentanone	10.07	43	14641	0.14	ppbv #	79
51) 2-Hexanone	11.59	43	65917	0.68	ppbv #	100
52) Tetrachloroethene	12.77	164	4227511	53.34	ppbv	98
53) Toluene	11.20	91	50941	0.27	ppbv	99
58) Ethyl Benzene	14.38	91	17551	0.06	ppbv	100
59) m/p-Xylene	14.66	91	68324	0.32	ppbv	96
60) o-Xylene	15.45	91	21372	0.09	ppbv	97
64) n-propylbenzene	17.48	120	4029	0.05	ppbv #	11
73) 1,3,5-Trimethylbenzene	17.95	105	29620	0.12	ppbv	97
74) 1,2,4-Trimethylbenzene	18.79	105	87059	0.34	ppbv #	74
76) 1,4-Dichlorobenzene	19.23	146	49908	0.29	ppbv	99

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

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