

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092018\
 Data File : VL032511.D
 Acq On : 20 Sep 2018 17:43
 Operator : SY/AP
 Sample : J4961-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AS-01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 11:19:59 AM

Quant Time: Sep 21 03:55:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep 21 03:55:36 2018
 QLast Update : Fri Sep 21 02:33:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1510440	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.33	114	3338284	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3430890	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2678085	10.51	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.10	85	25915	0.134	ppbv	99
4) Chloromethane	3.19	50	32721	0.395	ppbv	96
5) Vinyl Chloride	3.31	62	4519m	0.055	ppbv	
9) Propene	3.07	41	513052m	9.302	ppbv	
11) Trichlorofluoromethane	4.03	101	761290	4.370	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.58	101	17897	0.152	ppbv	98
13) Ethanol	3.70	45	2057316	119.667	ppbv	96
15) Acetone	3.92	43	2947241m	21.668	ppbv	
17) tert-Butyl alcohol	4.41	59	700891	33.484	ppbv #	100
18) 1,1-Dichloroethene	4.38	96	8275	0.153	ppbv	83
19) Isopropyl Alcohol	4.08	45	514579	5.767	ppbv #	1
20) Methylene Chloride	4.44	84	1903401	36.700	ppbv	95
22) trans-1,2-Dichloroethene	4.99	96	11505m	0.197	ppbv	
26) Hexane	5.81	57	3195212	22.216	ppbv #	44
27) Carbon Disulfide	4.65	76	912787	6.875	ppbv	98
29) Chloroform	5.88	83	2219139	10.119	ppbv	99
31) cis-1,2-Dichloroethene	5.67	61	198729	1.526	ppbv	97
32) 1,1,1-Trichloroethane	6.65	97	11789	0.058	ppbv	93
34) 2-Butanone	5.36	43	288651	1.302	ppbv	99
35) Carbon Tetrachloride	7.17	117	17179m	0.077	ppbv	
36) Benzene	7.04	78	64907m	0.228	ppbv	
37) 1,2-Dichloroethane	6.44	62	72542	0.417	ppbv #	92
38) Trichloroethene	8.00	130	7528m	0.070	ppbv	
44) 2,2,4-Trimethylpentane	8.03	57	86599	0.158	ppbv	95
47) 1,1,2-Trichloroethane	9.66	97	58384	0.452	ppbv #	91
52) Tetrachloroethene	11.42	164	35776	0.406	ppbv #	87
53) Toluene	9.98	91	422663	1.423	ppbv	97
58) Ethyl Benzene	12.89	91	77254m	0.188	ppbv	
59) m/p-Xylene	13.16	91	231945m	0.634	ppbv	
60) o-Xylene	13.89	91	84697	0.236	ppbv	95
61) Styrene	13.72	104	102775	0.442	ppbv	99
74) 1,2,4-Trimethylbenzene	16.97	105	71834	0.167	ppbv #	71
80) Naphthalene,2-methyl-	25.15	142	11190	0.120	ppbv #	87

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

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