

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033716.D
 Acq On : 17 May 2019 14:44
 Operator : SY/AP
 Sample : K2893-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02DUP

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:06:17 PM

Quant Time: May 18 01:30:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1070803	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2725983	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2438286	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2097162	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	63330	0.281	ppbv	97
4) Chloromethane	3.17	50	19269	0.275	ppbv #	88
6) Bromomethane	3.51	94	4418m	0.101	ppbv	
9) Propene	3.05	41	1792773m	34.364	ppbv	
10) Heptane	8.25	43	742156	5.024	ppbv	100
11) Trichlorofluoromethane	4.01	101	77512	0.360	ppbv	97
13) Ethanol	3.66	45	893360	52.980	ppbv	100
15) Acetone	3.89	43	4026868	27.104	ppbv	92
17) tert-Butyl alcohol	4.37	59	109126	0.908	ppbv #	72
20) Methylene Chloride	4.41	84	216384	3.783	ppbv	98
26) Hexane	5.78	57	1107234	9.869	ppbv #	48
27) Carbon Disulfide	4.62	76	658434	4.278	ppbv	97
29) Chloroform	5.85	83	27376	0.132	ppbv	98
30) Cyclohexane	7.25	84	245739	2.605	ppbv	87
32) 1,1,1-Trichloroethane	6.61	97	6627m	0.032	ppbv	
34) 2-Butanone	5.33	43	464022	2.746	ppbv	96
35) Carbon Tetrachloride	7.13	117	14015m	0.064	ppbv	
36) Benzene	7.00	78	820785	3.310	ppbv	96
37) 1,2-Dichloroethane	6.41	62	15233m	0.095	ppbv	
38) Trichloroethene	7.96	130	4889m	0.053	ppbv	
41) Tetrahydrofuran	6.15	42	226826	2.396	ppbv	98
44) 2,2,4-Trimethylpentane	7.99	57	64266	0.153	ppbv #	1
50) 4-Methyl-2-Pentanone	8.87	43	99023	0.381	ppbv	96
52) Tetrachloroethene	11.37	164	32281	0.370	ppbv	95
53) Toluene	9.95	91	3891878	14.551	ppbv	99
58) Ethyl Benzene	12.86	91	4040105	12.512	ppbv	99
59) m/p-Xylene	13.12	91	9542638	33.808	ppbv	96
60) o-Xylene	13.85	91	2502366	8.795	ppbv	99
61) Styrene	13.69	104	54131m	0.283	ppbv	
62) Isopropylbenzene	14.82	105	68574	0.179	ppbv	96
64) n-propylbenzene	15.72	120	14509m	0.146	ppbv	
65) tert-Butylbenzene	16.91	119	31803m	0.091	ppbv	
69) p-Isopropyltoluene	17.82	119	55554	0.137	ppbv #	87
70) n-Butylbenzene	18.72	91	43792m	0.101	ppbv	
72) 4-Ethyltoluene	16.00	105	63871	0.196	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.15	105	68282	0.215	ppbv	89
74) 1,2,4-Trimethylbenzene	16.93	105	165278	0.478	ppbv #	78
76) 1,4-Dichlorobenzene	17.30	146	68521	0.341	ppbv #	1
79) Naphthalene	22.41	128	64331m	0.200	ppbv	
80) Naphthalene,2-methyl-	25.11	142	14028m	0.115	ppbv	

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

