

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082018\
 Data File : VL032413.D
 Acq On : 20 Aug 2018 20:44
 Operator : SY/AP
 Sample : J4472-02DUP
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DUP

Manual Integrations
 APPROVED

apatel
 8/29/2018 1:12:31 PM

Quant Time: Aug 29 12:36:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 28 2018
 QLast Update : Tue Aug 28 13:07:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1817300	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3500941	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3440251	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2659919	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.11	85	126131	0.681	ppbv	99
3) Chlorodifluoromethane	3.05	51	103511m	0.615	ppbv	
4) Chloromethane	3.21	50	124417	1.242	ppbv	95
9) Propene	3.07	41	681929	9.465	ppbv	98
10) Heptane	8.30	43	29823	0.137	ppbv	94
11) Trichlorofluoromethane	4.04	101	754336	3.711	ppbv	99
13) Ethanol	3.69	45	479502	25.913	ppbv	96
15) Acetone	3.94	43	2917782	16.899	ppbv	99
19) Isopropyl Alcohol	4.06	45	1862121	16.016	ppbv	99
20) Methylene Chloride	4.45	84	164389	2.521	ppbv	95
26) Hexane	5.83	57	165581	1.004	ppbv	94
27) Carbon Disulfide	4.66	76	18720m	0.122	ppbv	
29) Chloroform	5.90	83	61554	0.255	ppbv	99
34) 2-Butanone	5.37	43	1163730	4.884	ppbv	98
35) Carbon Tetrachloride	7.19	117	18307m	0.089	ppbv	
36) Benzene	7.06	78	248598	0.838	ppbv	98
38) Trichloroethene	8.02	130	55160m	0.530	ppbv	
44) 2,2,4-Trimethylpentane	8.04	57	88307m	0.165	ppbv	
50) 4-Methyl-2-Pentanone	8.94	43	152679	0.444	ppbv	92
51) 2-Hexanone	10.34	43	161507	0.668	ppbv #	91
52) Tetrachloroethene	11.43	164	108539	1.240	ppbv	96
53) Toluene	10.00	91	1023422	3.145	ppbv	99
58) Ethyl Benzene	12.93	91	95134m	0.230	ppbv	
59) m/p-Xylene	13.18	91	257548	0.732	ppbv	99
60) o-Xylene	13.92	91	126120	0.365	ppbv	98
61) Styrene	13.74	104	57338m	0.237	ppbv	
74) 1,2,4-Trimethylbenzene	16.99	105	86565	0.219	ppbv #	64
76) 1,4-Dichlorobenzene	17.38	146	8514927	37.918	ppbv	99
79) Naphthalene	22.49	128	95478m	0.332	ppbv	

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

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