

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
 Data File : VL033029.D
 Acq On : 20 Dec 2018 17:25
 Operator : SY/AP
 Sample : J6444-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-04

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 8:26:20 AM

Quant Time: Dec 23 11:06:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1150842	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2752478	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2567843	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2047123	10.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	87418	0.569	ppbv	90
3) Chlorodifluoromethane	3.02	51	59977m	0.688	ppbv	
4) Chloromethane	3.17	50	30237	0.596	ppbv	92
9) Propene	3.06	41	969482m	28.131	ppbv	
10) Heptane	8.25	43	25373m	0.196	ppbv	
11) Trichlorofluoromethane	4.01	101	44409	0.307	ppbv	92
13) Ethanol	3.65	45	530946	44.745	ppbv	96
15) Acetone	3.90	43	1057106	10.702	ppbv	97
19) Isopropyl Alcohol	4.03	45	165180m	2.663	ppbv	
20) Methylene Chloride	4.42	84	216524	4.485	ppbv	98
26) Hexane	5.78	57	231293	2.147	ppbv #	50
27) Carbon Disulfide	4.62	76	21770	0.162	ppbv #	68
30) Cyclohexane	7.26	84	14927m	0.167	ppbv	
34) 2-Butanone	5.34	43	53693	0.448	ppbv	98
35) Carbon Tetrachloride	7.14	117	14225m	0.066	ppbv	
36) Benzene	7.01	78	156743	0.774	ppbv	99
44) 2,2,4-Trimethylpentane	7.99	57	113384	0.330	ppbv #	74
52) Tetrachloroethene	11.37	164	13688m	0.186	ppbv	
53) Toluene	9.96	91	19867460	92.530	ppbv	86
58) Ethyl Benzene	12.87	91	64677m	0.236	ppbv	
59) m/p-Xylene	13.13	91	210290m	0.847	ppbv	
60) o-Xylene	13.86	91	67929m	0.271	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	103471m	0.335	ppbv	

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

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