

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032735.D
 Acq On : 8 Nov 2018 3:00
 Operator : SY/AP
 Sample : J5823-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-02

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:30:23 PM

Quant Time: Nov 12 03:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1352826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3497561	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3321714	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2545385	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35470	0.257	ppbv	91
3) Chlorodifluoromethane	3.02	51	29046m	0.275	ppbv	
4) Chloromethane	3.18	50	52734	0.892	ppbv	97
9) Propene	3.04	41	175224	4.025	ppbv	90
10) Heptane	8.26	43	171924	1.025	ppbv	94
11) Trichlorofluoromethane	4.01	101	42455	0.236	ppbv	98
13) Ethanol	3.68	45	7033413	565.206	ppbv	98
15) Acetone	3.90	43	11587451	92.757	ppbv	96
17) tert-Butyl alcohol	4.39	59	119066m	3.241	ppbv	
19) Isopropyl Alcohol	4.05	45	717320	8.063	ppbv #	1
20) Methylene Chloride	4.42	84	175949	2.775	ppbv	95
26) Hexane	5.79	57	382044	2.808	ppbv #	62
30) Cyclohexane	7.26	84	69575	0.646	ppbv	89
34) 2-Butanone	5.34	43	206663	1.102	ppbv	99
35) Carbon Tetrachloride	7.15	117	21541	0.087	ppbv	93
36) Benzene	7.01	78	920920	3.242	ppbv	98
44) 2,2,4-Trimethylpentane	8.00	57	1258347	2.595	ppbv	93
52) Tetrachloroethene	11.39	164	19410m	0.196	ppbv	
53) Toluene	9.96	91	11403322	35.026	ppbv	97
58) Ethyl Benzene	12.87	91	739224	1.916	ppbv	98
59) m/p-Xylene	13.13	91	2404143	6.996	ppbv	100
60) o-Xylene	13.86	91	879989	2.655	ppbv	98
61) Styrene	13.70	104	52708m	0.237	ppbv	
64) n-propylbenzene	15.74	120	24673m	0.212	ppbv	
72) 4-Ethyltoluene	16.01	105	180358	0.511	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.16	105	167242	0.486	ppbv	92
74) 1,2,4-Trimethylbenzene	16.94	105	684308	1.863	ppbv #	77

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

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