

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032538.D
 Acq On : 25 Sep 2018 10:16
 Operator : SY/AP
 Sample : J5034-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-INF-092018

Manual Integrations
 APPROVED

apatel
 9/26/2018 4:59:13 PM

Quant Time: Sep 25 13:19:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 2018
 QLast Update : Tue Sep 25 05:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1443937	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3182338	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3038550	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2307828	10.07	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	31970	0.239	ppbv	92
3) Chlorodifluoromethane	3.03	51	58595m	0.488	ppbv	
4) Chloromethane	3.19	50	33247	0.475	ppbv #	88
5) Vinyl Chloride	3.31	62	21067	0.298	ppbv	96
7) Chloroethane	3.62	64	13570	0.538	ppbv #	82
9) Propene	3.06	41	206036m	3.955	ppbv	
11) Trichlorofluoromethane	4.02	101	180615	1.138	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.57	101	79408	0.612	ppbv	96
13) Ethanol	3.67	45	830849	53.055	ppbv	96
15) Acetone	3.91	43	7741652	61.080	ppbv	97
18) 1,1-Dichloroethene	4.37	96	14149	0.233	ppbv	82
19) Isopropyl Alcohol	4.05	45	116675	1.322	ppbv #	93
20) Methylene Chloride	4.43	84	121873	1.986	ppbv	95
22) trans-1,2-Dichloroethene	4.99	96	7509	0.131	ppbv #	75
24) 1,1-Dichloroethane	5.12	63	1291562	6.925	ppbv	99
26) Hexane	5.80	57	635561	4.575	ppbv #	48
29) Chloroform	5.88	83	639032	2.998	ppbv	100
30) Cyclohexane	7.28	84	69246	0.612	ppbv	90
31) cis-1,2-Dichloroethene	5.67	61	772929	5.842	ppbv	96
32) 1,1,1-Trichloroethane	6.65	97	2470909	10.878	ppbv	99
34) 2-Butanone	5.36	43	228787	1.207	ppbv	100
35) Carbon Tetrachloride	7.17	117	20878m	0.094	ppbv	
36) Benzene	7.03	78	42948m	0.167	ppbv	
38) Trichloroethene	7.99	130	3267298	33.191	ppbv	97
41) Tetrahydrofuran	6.19	42	16754	0.163	ppbv #	73
44) 2,2,4-Trimethylpentane	8.02	57	111706	0.222	ppbv #	84
52) Tetrachloroethene	11.41	164	82175	0.918	ppbv	90
53) Toluene	9.98	91	1124998	3.590	ppbv	99
74) 1,2,4-Trimethylbenzene	16.96	105	81429m	0.225	ppbv	
79) Naphthalene	22.45	128	85272m	0.326	ppbv	
80) Naphthalene,2-methyl-	25.14	142	74627	1.215	ppbv	95

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

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