

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032709.D
 Acq On : 30 Oct 2018 21:58
 Operator : SY/AP
 Sample : J5693-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 10:40:09 AM

Quant Time: Oct 31 06:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 2
 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	5.78	49	1307163	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3448553	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3367770	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2621610	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	94672	0.711	ppbv	95
3) Chlorodifluoromethane	3.02	51	30823	0.302	ppbv	97
9) Propene	3.05	41	164125m	3.901	ppbv	
10) Heptane	8.26	43	511212	3.153	ppbv	99
11) Trichlorofluoromethane	4.02	101	38283	0.220	ppbv	93
13) Ethanol	3.66	45	441309	36.702	ppbv	98
15) Acetone	3.91	43	3097141	25.658	ppbv	94
17) tert-Butyl alcohol	4.38	59	298078	8.396	ppbv #	100
20) Methylene Chloride	4.43	84	65843	1.075	ppbv	95
26) Hexane	5.80	57	520458	3.959	ppbv #	42
27) Carbon Disulfide	4.63	76	927539	5.816	ppbv	96
28) Methyl tert-Butyl Ether	5.14	73	79013	0.418	ppbv	97
29) Chloroform	5.86	83	52342	0.249	ppbv	89
30) Cyclohexane	7.26	84	276493	2.657	ppbv	91
32) 1,1,1-Trichloroethane	6.63	97	58994	0.276	ppbv	96
34) 2-Butanone	5.35	43	209105	1.131	ppbv	99
35) Carbon Tetrachloride	7.15	117	25717m	0.105	ppbv	
36) Benzene	7.02	78	1306446	4.665	ppbv	99
38) Trichloroethene	7.98	130	79085	0.763	ppbv	88
44) 2,2,4-Trimethylpentane	8.00	57	1324519	2.771	ppbv #	85
52) Tetrachloroethene	11.39	164	729083	7.468	ppbv	96
53) Toluene	9.96	91	7259361	22.614	ppbv	99
58) Ethyl Benzene	12.88	91	1244605	3.181	ppbv	99
59) m/p-Xylene	13.14	91	4088009	11.734	ppbv	98
60) o-Xylene	13.86	91	1379718	4.105	ppbv	100
61) Styrene	13.70	104	68930m	0.306	ppbv	
62) Isopropylbenzene	14.84	105	54204m	0.114	ppbv	
64) n-propylbenzene	15.74	120	39658	0.335	ppbv	82
65) tert-Butylbenzene	16.94	119	68130m	0.168	ppbv	
72) 4-Ethyltoluene	16.01	105	237109	0.662	ppbv	97
73) 1,3,5-Trimethylbenzene	16.17	105	177268	0.508	ppbv	94
74) 1,2,4-Trimethylbenzene	16.94	105	627204	1.685	ppbv #	76
79) Naphthalene	22.43	128	187667m	0.811	ppbv	
80) Naphthalene,2-methyl-	25.13	142	55197m	0.981	ppbv	

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

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