

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL103018\
 Data File : VL032706.D
 Acq On : 30 Oct 2018 20:02
 Operator : SY/AP
 Sample : J5693-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 10:40:06 AM

Quant Time: Oct 31 06:45:20 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	1337215	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3448574	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3452933	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	2685538	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	3.09	85	40373	0.296	ppbv	89
3) Chlorodifluoromethane	3.02	51	30303m	0.290	ppbv	
9) Propene	3.05	41	138672m	3.222	ppbv	
10) Heptane	8.26	43	510738	3.080	ppbv	100
11) Trichlorofluoromethane	4.02	101	36593	0.206	ppbv	99
13) Ethanol	3.66	45	363099	29.519	ppbv	99
15) Acetone	3.91	43	3051660	24.713	ppbv	94
17) tert-Butyl alcohol	4.38	59	280805	7.732	ppbv #	100
20) Methylene Chloride	4.42	84	71175	1.136	ppbv	94
26) Hexane	5.80	57	518847	3.858	ppbv #	42
27) Carbon Disulfide	4.63	76	908250	5.567	ppbv	96
28) Methyl tert-Butyl Ether	5.13	73	73247	0.379	ppbv	96
29) Chloroform	5.86	83	51189	0.238	ppbv #	82
30) Cyclohexane	7.26	84	265422	2.493	ppbv	84
32) 1,1,1-Trichloroethane	6.63	97	60849	0.279	ppbv	97
34) 2-Butanone	5.34	43	211787m	1.146	ppbv	
35) Carbon Tetrachloride	7.15	117	25625	0.105	ppbv #	83
36) Benzene	7.02	78	1323763	4.727	ppbv	99
38) Trichloroethene	7.98	130	78342	0.756	ppbv	93
44) 2,2,4-Trimethylpentane	8.00	57	1336281	2.795	ppbv #	86
52) Tetrachloroethene	11.39	164	729044	7.467	ppbv	97
53) Toluene	9.96	91	7357748	22.921	ppbv	100
58) Ethyl Benzene	12.88	91	1252099	3.121	ppbv	96
59) m/p-Xylene	13.14	91	4085698	11.438	ppbv	98
60) o-Xylene	13.86	91	1393121	4.043	ppbv	99
61) Styrene	13.70	104	67225m	0.291	ppbv	
62) Isopropylbenzene	14.85	105	49551	0.102	ppbv	97
64) n-propylbenzene	15.74	120	40204m	0.332	ppbv	
65) tert-Butylbenzene	16.94	119	72317	0.174	ppbv #	69
72) 4-Ethyltoluene	16.01	105	246034m	0.670	ppbv	
73) 1,3,5-Trimethylbenzene	16.17	105	174578	0.488	ppbv	95
74) 1,2,4-Trimethylbenzene	16.94	105	610717	1.600	ppbv #	79
79) Naphthalene	22.43	128	194586m	0.820	ppbv	
80) Naphthalene,2-methyl-	25.13	142	48305	0.837	ppbv	94

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

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