

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032322.D
 Acq On : 27 Jul 2018 17:01
 Operator : SY/AP
 Sample : J4131-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

apatel
 7/30/2018 4:33:08 PM

Quant Time: Jul 29 08:39:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1802294	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3535656	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	4277418	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3446748	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	38500	0.18	ppbv	98
3) Chlorodifluoromethane	3.06	51	21989m	0.12	ppbv	
4) Chloromethane	3.22	50	18433	0.17	ppbv #	84
9) Propene	3.08	41	274311	3.39	ppbv	91
10) Heptane	8.32	43	85999	0.30	ppbv	96
11) Trichlorofluoromethane	4.06	101	4136823	19.92	ppbv	99
13) Ethanol	3.71	45	197314	8.47	ppbv	99
15) Acetone	3.95	43	1462391	8.61	ppbv #	63
17) tert-Butyl alcohol	4.43	59	42089	0.78	ppbv #	73
19) Isopropyl Alcohol	4.12	45	277460m	2.45	ppbv	
20) Methylene Chloride	4.47	84	60028	0.88	ppbv	89
26) Hexane	5.85	57	78414	0.45	ppbv #	3
27) Carbon Disulfide	4.68	76	99906	0.64	ppbv #	89
28) Methyl tert-Butyl Ether	5.19	73	104296	0.45	ppbv	96
29) Chloroform	5.92	83	275287	1.10	ppbv	98
30) Cyclohexane	7.32	84	32446m	0.24	ppbv	
32) 1,1,1-Trichloroethane	6.69	97	42423	0.19	ppbv	98
34) 2-Butanone	5.39	43	5746164	25.11	ppbv	99
35) Carbon Tetrachloride	7.21	117	6391m	0.03	ppbv	
36) Benzene	7.08	78	63174	0.20	ppbv	94
41) Tetrahydrofuran	6.23	42	33864m	0.26	ppbv	
44) 2,2,4-Trimethylpentane	8.07	57	113941	0.17	ppbv #	60
50) 4-Methyl-2-Pentanone	8.97	43	50096m	0.12	ppbv	
51) 2-Hexanone	10.36	43	1118441	3.63	ppbv #	97
52) Tetrachloroethene	11.46	164	54071m	0.51	ppbv	
53) Toluene	10.03	91	1627377	4.37	ppbv	99
58) Ethyl Benzene	12.95	91	1761076	3.28	ppbv	96
59) m/p-Xylene	13.21	91	5062865	11.09	ppbv	99
60) o-Xylene	13.94	91	2543363	5.68	ppbv	99
61) Styrene	13.77	104	2918085	8.86	ppbv	100
62) Isopropylbenzene	14.91	105	1678020	2.64	ppbv	99
64) n-propylbenzene	15.81	120	106415	0.64	ppbv	88
65) tert-Butylbenzene	17.02	119	161338m	0.30	ppbv	
69) p-Isopropyltoluene	17.92	119	516714	0.83	ppbv #	90
72) 4-Ethyltoluene	16.09	105	596450	1.19	ppbv	98
73) 1,3,5-Trimethylbenzene	16.25	105	646698	1.31	ppbv	97
74) 1,2,4-Trimethylbenzene	17.01	105	1410611	2.71	ppbv #	70
79) Naphthalene	22.52	128	315904m	0.70	ppbv	
80) Naphthalene,2-methyl-	25.18	142	33319	0.19	ppbv	89

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

