

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033924.D
 Acq On : 14 Jun 2019 8:45
 Operator : SY/AP
 Sample : K3295-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V2

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:43 AM

Quant Time: Jun 16 18:27:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1013091	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2718311	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2852186	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2098879	8.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.07	85	232049	1.412	ppbv	100
3) Chlorodifluoromethane	3.00	51	50833m	0.426	ppbv	
4) Chloromethane	3.16	50	22298	0.328	ppbv	99
9) Propene	3.03	41	903220	20.240	ppbv	92
10) Heptane	8.24	43	558617	4.952	ppbv #	78
11) Trichlorofluoromethane	3.99	101	66106	0.312	ppbv	93
13) Ethanol	3.73	45	49288776m	3394.664	ppbv	
15) Acetone	3.89	43	22018941	149.023	ppbv #	57
17) tert-Butyl alcohol	4.47	59	1489900m	12.899	ppbv	
25) Ethyl Acetate	5.76	43	4098771	18.215	ppbv #	90
27) Carbon Disulfide	4.61	76	257660	1.810	ppbv	97
29) Chloroform	5.85	83	22568	0.129	ppbv	93
30) Cyclohexane	7.23	84	192653	2.661	ppbv	97
34) 2-Butanone	5.32	43	9645431	62.897	ppbv	93
35) Carbon Tetrachloride	7.12	117	8614m	0.041	ppbv	
36) Benzene	7.00	78	581206	2.799	ppbv	98
38) Trichloroethene	7.95	130	29846	0.369	ppbv #	86
39) 1,2-Dichloropropane	7.73	63	24981	0.312	ppbv	96
41) Tetrahydrofuran	6.14	42	167760	2.155	ppbv	92
44) 2,2,4-Trimethylpentane	7.98	57	518378	1.404	ppbv #	87
50) 4-Methyl-2-Pentanone	8.88	43	470800m	2.059	ppbv	
51) 2-Hexanone	10.27	43	2394697	13.410	ppbv #	99
52) Tetrachloroethene	11.36	164	1416779	19.391	ppbv	95
53) Toluene	9.94	91	16697870	72.667	ppbv	89
58) Ethyl Benzene	12.86	91	1341012	4.170	ppbv	97
59) m/p-Xylene	13.11	91	3756459	12.846	ppbv	95
60) o-Xylene	13.84	91	1574127	5.214	ppbv	98
61) Styrene	13.68	104	423381	2.167	ppbv	98
62) Isopropylbenzene	14.81	105	115268	0.283	ppbv	96
64) n-propylbenzene	15.71	120	121080	1.162	ppbv	91
72) 4-Ethyltoluene	15.99	105	692279	2.015	ppbv	96
73) 1,3,5-Trimethylbenzene	16.15	105	619242	1.830	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	2262218	5.800	ppbv #	76
79) Naphthalene	22.41	128	258621	0.829	ppbv	99

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

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