

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034062.D
 Acq On : 30 Jul 2019 12:47
 Operator : SY/AP
 Sample : K4033-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG3

Manual Integrations
 APPROVED

MMdadoda
 8/2/2019 9:37:44 AM

Quant Time: Jul 31 03:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 31 2019
 QLast Update : Tue Jul 30 06:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1013730	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.25	114	4263390	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.19	117	3156315	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2595952	10.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	199418	1.704	ppbv #	91
4) Chloromethane	3.15	50	24706	0.360	ppbv #	77
9) Propene	3.21	41	819538	19.508	ppbv	93
10) Heptane	8.20	43	745307	6.505	ppbv	98
11) Trichlorofluoromethane	3.97	101	56947m	0.263	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.52	101	14982m	0.103	ppbv	
13) Ethanol	3.64	45	916121m	54.791	ppbv	
15) Acetone	3.87	43	1170998	7.598	ppbv #	87
19) Isopropyl Alcohol	4.02	45	74428	0.707	ppbv #	94
20) Methylene Chloride	4.37	84	229732	3.897	ppbv	94
26) Hexane	5.74	57	1394974	13.461	ppbv #	41
27) Carbon Disulfide	4.58	76	346555	2.147	ppbv #	92
29) Chloroform	5.80	83	612963m	3.238	ppbv	
30) Cyclohexane	7.20	84	726816	6.903	ppbv	93
32) 1,1,1-Trichloroethane	6.57	97	81356	0.410	ppbv	96
34) 2-Butanone	5.30	43	253430	1.444	ppbv	97
35) Carbon Tetrachloride	7.09	117	14210m	0.047	ppbv	
36) Benzene	6.96	78	1556294	5.484	ppbv	98
38) Trichloroethene	7.91	130	16859m	0.142	ppbv	
44) 2,2,4-Trimethylpentane	7.95	57	810648	1.720	ppbv #	75
52) Tetrachloroethene	11.32	164	468905m	4.213	ppbv	
53) Toluene	9.90	91	21399297	72.265	ppbv	91
58) Ethyl Benzene	12.81	91	5155142	13.801	ppbv	98
59) m/p-Xylene	13.07	91	15479838	45.588	ppbv	95
60) o-Xylene	13.80	91	6397264	18.955	ppbv	98
61) Styrene	13.63	104	1194120	5.358	ppbv	99
62) Isopropylbenzene	14.78	105	1696521	3.752	ppbv	99
64) n-propylbenzene	15.67	120	651221	5.562	ppbv	95
67) sec-Butylbenzene	17.41	105	200255	0.338	ppbv	99
70) n-Butylbenzene	18.67	91	807948	1.580	ppbv #	42
72) 4-Ethyltoluene	15.95	105	4069175	10.663	ppbv	98
73) 1,3,5-Trimethylbenzene	16.11	105	2927359	7.537	ppbv	100
74) 1,2,4-Trimethylbenzene	16.88	105	12003979	28.135	ppbv #	85
79) Naphthalene	22.35	128	1028777	2.766	ppbv	98
80) Naphthalene,2-methyl-	25.07	142	37911m	0.292	ppbv	

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

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