

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035023.D
 Acq On : 14 May 2020 17:05
 Operator : SY/AP
 Sample : L2566-01 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 1:34:50 PM

Quant Time: May 18 09:03:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1063638	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2446904	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2385864	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2055083	10.64	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	17280	0.114	ppbv #	87
4) Chloromethane	3.09	50	10443	0.150	ppbv #	65
9) Propene	2.96	41	118427	2.247	ppbv	84
10) Heptane	8.12	43	372274	2.820	ppbv	100
13) Ethanol	3.56	45	817010	46.985	ppbv	98
15) Acetone	3.81	43	900863	6.406	ppbv	90
19) Isopropyl Alcohol	3.93	45	2325180	24.795	ppbv	99
20) Methylene Chloride	4.31	84	68908m	1.480	ppbv	
26) Hexane	5.66	57	569673	5.563	ppbv #	75
29) Chloroform	5.73	83	34881m	0.208	ppbv	
30) Cyclohexane	7.12	84	295712	3.742	ppbv	93
31) cis-1,2-Dichloroethene	5.53	61	838404	8.391	ppbv	95
32) 1,1,1-Trichloroethane	6.50	97	15875m	0.105	ppbv	
34) 2-Butanone	5.22	43	141409	0.930	ppbv	97
36) Benzene	6.88	78	213623	1.059	ppbv	95
38) Trichloroethene	7.83	130	1172352	15.000	ppbv	96
41) Tetrahydrofuran	6.04	42	59073	0.738	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	4066107	11.337	ppbv	95
52) Tetrachloroethene	11.24	164	2711300	37.797	ppbv	99
53) Toluene	9.82	91	6569594	30.720	ppbv	96
58) Ethyl Benzene	12.73	91	694927	2.355	ppbv	98
59) m/p-Xylene	12.99	91	1866815	7.192	ppbv #	59
60) o-Xylene	13.71	91	619071	2.417	ppbv	98
61) Styrene	13.55	104	281464	1.736	ppbv	99
62) Isopropylbenzene	14.69	105	175174	0.458	ppbv	98
64) n-propylbenzene	15.58	120	13744m	0.140	ppbv	
72) 4-Ethyltoluene	15.86	105	80201m	0.281	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	65517	0.236	ppbv	98
74) 1,2,4-Trimethylbenzene	16.79	105	245653	0.809	ppbv #	75

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

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