

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035011.D
 Acq On : 13 May 2020 6:33
 Operator : SY/AP
 Sample : L2566-06 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:13:21 PM

Quant Time: May 13 08:49:53 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	826518	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	1944014	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	1835634	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1554588	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.96	41	33633	0.821	ppbv	94
10) Heptane	8.11	43	312026	3.042	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.45	101	23293	0.270	ppbv	99
13) Ethanol	3.56	45	407356	30.148	ppbv	98
15) Acetone	3.80	43	3728753	34.124	ppbv	98
17) tert-Butyl alcohol	4.26	59	545682	5.613	ppbv	99
19) Isopropyl Alcohol	3.93	45	1606397	22.045	ppbv #	1
20) Methylene Chloride	4.31	84	23150	0.640	ppbv	96
22) trans-1,2-Dichloroethene	4.85	96	53747	1.452	ppbv	97
24) 1,1-Dichloroethane	4.98	63	63405	0.594	ppbv	97
26) Hexane	5.66	57	171539	2.156	ppbv #	45
29) Chloroform	5.73	83	898668	6.902	ppbv	97
30) Cyclohexane	7.12	84	49579	0.807	ppbv	95
31) cis-1,2-Dichloroethene	5.53	61	496808	6.399	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	31058	0.264	ppbv	94
34) 2-Butanone	5.22	43	127128	1.052	ppbv	100
38) Trichloroethene	7.83	130	1499307	24.147	ppbv	99
40) 1,4-Dioxane	7.85	88	18303m	0.701	ppbv	
41) Tetrahydrofuran	6.04	42	53119	0.835	ppbv	98
42) Bromodichloromethane	7.83	83	28833m	0.216	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	365283	1.282	ppbv #	84
50) 4-Methyl-2-Pentanone	8.76	43	86564m	0.502	ppbv	
52) Tetrachloroethene	11.24	164	3023801	53.057	ppbv	96
53) Toluene	9.81	91	652301	3.839	ppbv	97
58) Ethyl Benzene	12.72	91	444079	1.956	ppbv	95
59) m/p-Xylene	12.98	91	2191188	10.972	ppbv #	61
60) o-Xylene	13.73	91	502602	2.550	ppbv	95
61) Styrene	13.55	104	36669m	0.294	ppbv	
62) Isopropylbenzene	14.71	105	508728	1.729	ppbv	98
64) n-propylbenzene	15.62	120	38925m	0.516	ppbv	
72) 4-Ethyltoluene	15.89	105	213849m	0.973	ppbv	
73) 1,3,5-Trimethylbenzene	16.06	105	154896m	0.724	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	121337m	0.520	ppbv	

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

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