

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037023.D
 Acq On : 20 May 2021 14:41
 Operator : SY/AP
 Sample : M2424-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-04

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:23:48 PM

Quant Time: May 22 22:26:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1221032	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3609264	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	3365447	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2479492	9.81	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	28309	0.137	ppbv	95
3) Chlorodifluoromethane	2.96	51	46065	0.206	ppbv	98
4) Chloromethane	3.11	50	87306	1.147	ppbv	97
9) Propene	2.98	41	1033111	12.898	ppbv	99
10) Heptane	8.09	43	539179	2.701	ppbv	98
11) Trichlorofluoromethane	3.92	101	49440	0.258	ppbv	84
12) 1,1,2-Trichlorotrifluoroet	4.45	101	15301m	0.112	ppbv	
13) Ethanol	3.58	45	1075840	100.663	ppbv	96
15) Acetone	3.83	43	32705520	261.505	ppbv #	61
17) tert-Butyl alcohol	4.27	59	1126640	9.834	ppbv	97
19) Isopropyl Alcohol	3.94	45	1240634	18.454	ppbv #	30
20) Methylene Chloride	4.32	84	840486	12.537	ppbv	98
26) Hexane	5.65	57	1723025	11.223	ppbv #	20
27) Carbon Disulfide	4.52	76	257495	1.664	ppbv #	91
28) Methyl tert-Butyl Ether	5.00	73	28490m	0.155	ppbv	
29) Chloroform	5.73	83	81138	0.374	ppbv	96
30) Cyclohexane	7.09	84	141862	1.087	ppbv #	77
34) 2-Butanone	5.21	43	5977459	45.483	ppbv	99
35) Carbon Tetrachloride	6.98	117	18317m	0.076	ppbv	
36) Benzene	6.86	78	932953	3.001	ppbv	98
38) Trichloroethene	7.80	130	17695m	0.133	ppbv	
50) 4-Methyl-2-Pentanone	8.71	43	235616m	1.086	ppbv	
51) 2-Hexanone	10.10	43	772881	6.741	ppbv #	93
52) Tetrachloroethene	11.19	164	18230m	0.147	ppbv	
53) Toluene	9.77	91	1495747	4.043	ppbv	97
58) Ethyl Benzene	12.68	91	264557	0.557	ppbv	96
59) m/p-Xylene	12.93	91	513787	1.309	ppbv	97
60) o-Xylene	13.66	91	160173	0.428	ppbv	89
61) Styrene	13.49	104	151848	0.720	ppbv #	90
62) Isopropylbenzene	14.63	105	57566m	0.107	ppbv	
64) n-propylbenzene	15.53	120	39260	0.283	ppbv #	10
72) 4-Ethyltoluene	15.81	105	248197	0.558	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.97	105	224037	0.537	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	717841m	1.663	ppbv	
78) Hexachloro-1,3-Butadiene	23.35	225	30300m	0.143	ppbv	
79) Naphthalene	22.17	128	46802m	0.138	ppbv	
80) Naphthalene,2-methyl-	24.94	142	11213	0.152	ppbv #	81

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

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