

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036613.D
 Acq On : 31 Mar 2021 22:40
 Operator : SY/AP
 Sample : M1807-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG2

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:53:31 PM

Quant Time: Apr 02 15:35:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1447953	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3587209	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3193512	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2747459	10.79	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	35970	0.152	ppbv	89
3) Chlorodifluoromethane	2.99	51	142591	0.527	ppbv #	83
4) Chloromethane	3.14	50	58715	0.614	ppbv #	86
9) Propene	3.01	41	288455	3.345	ppbv	85
10) Heptane	8.13	43	594745	2.707	ppbv	99
11) Trichlorofluoromethane	3.96	101	56754	0.236	ppbv	84
13) Ethanol	3.61	45	1235751	120.324	ppbv	92
15) Acetone	3.85	43	7923876	55.601	ppbv	94
17) tert-Butyl alcohol	4.30	59	892048	7.190	ppbv	99
19) Isopropyl Alcohol	3.98	45	2157001	27.514	ppbv #	1
20) Methylene Chloride	4.35	84	116068	1.740	ppbv	83
26) Hexane	5.70	57	463209	2.946	ppbv #	50
27) Carbon Disulfide	4.56	76	585059	3.777	ppbv	98
29) Chloroform	5.76	83	797510	3.172	ppbv	94
30) Cyclohexane	7.14	84	124485	0.976	ppbv	87
34) 2-Butanone	5.25	43	760242	4.342	ppbv	94
35) Carbon Tetrachloride	7.04	117	17145m	0.062	ppbv	
36) Benzene	6.90	78	706330	2.135	ppbv #	93
38) Trichloroethene	7.85	130	5522m	0.043	ppbv	
40) 1,4-Dioxane	7.85	88	20114m	0.644	ppbv	
41) Tetrahydrofuran	6.06	42	54446m	0.674	ppbv	
43) Methyl Methacrylate	8.02	69	24062m	0.217	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	539966	0.927	ppbv #	45
50) 4-Methyl-2-Pentanone	8.76	43	372177	1.469	ppbv	99
51) 2-Hexanone	10.13	43	172799m	1.351	ppbv	
52) Tetrachloroethene	11.23	164	10327m	0.085	ppbv	
53) Toluene	9.82	91	2301167	6.532	ppbv	99
58) Ethyl Benzene	12.73	91	461532	0.993	ppbv	97
59) m/p-Xylene	12.99	91	1140939m	2.815	ppbv	
60) o-Xylene	13.71	91	399290	1.019	ppbv	99
61) Styrene	13.55	104	659502	3.346	ppbv	98
62) Isopropylbenzene	14.69	105	11037045	20.917	ppbv	94
64) n-propylbenzene	15.58	120	29063m	0.225	ppbv	
69) p-Isopropyltoluene	17.68	119	181501m	0.360	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	90150	0.225	ppbv #	86
74) 1,2,4-Trimethylbenzene	16.78	105	320969	0.748	ppbv #	66

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

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