

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037501.D
 Acq On : 19 Aug 2021 16:37
 Operator : SY/AP
 Sample : M3480-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-2

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:31:10 PM

Quant Time: Aug 20 00:52:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1436542	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	4136783	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3546399	10.00	ppbv	0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	2473530	9.82	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	29692m	0.129	ppbv	
3) Chlorodifluoromethane	2.99	51	1649489	5.996	ppbv #	85
4) Chloromethane	3.14	50	70836	0.721	ppbv	91
9) Propene	3.02	41	64502	0.655	ppbv	85
10) Heptane	8.13	43	52881	0.233	ppbv	97
11) Trichlorofluoromethane	3.96	101	41659m	0.193	ppbv	
13) Ethanol	3.61	45	6282770	655.999	ppbv	99
15) Acetone	3.85	43	5778926	39.528	ppbv	96
17) tert-Butyl alcohol	4.31	59	420699	3.150	ppbv	100
19) Isopropyl Alcohol	3.98	45	4571578	54.581	ppbv	100
20) Methylene Chloride	4.35	84	351820	4.806	ppbv	96
26) Hexane	5.69	57	385043	2.122	ppbv #	54
27) Carbon Disulfide	4.57	76	28034m	0.173	ppbv	
29) Chloroform	5.76	83	97562m	0.379	ppbv	
34) 2-Butanone	5.25	43	840733	4.977	ppbv #	90
35) Carbon Tetrachloride	7.02	117	13548m	0.055	ppbv	
36) Benzene	6.90	78	2842200	8.173	ppbv	98
38) Trichloroethene	7.84	130	67459	0.473	ppbv #	88
50) 4-Methyl-2-Pentanone	8.75	43	136016m	0.617	ppbv	
51) 2-Hexanone	10.14	43	159158	1.570	ppbv #	87
52) Tetrachloroethene	11.22	164	23127m	0.162	ppbv	
53) Toluene	9.81	91	500177	1.260	ppbv	98
58) Ethyl Benzene	12.71	91	403542	0.820	ppbv	93
59) m/p-Xylene	12.97	91	1725818	4.045	ppbv	92
60) o-Xylene	13.69	91	487474	1.224	ppbv	98
61) Styrene	13.53	104	58080m	0.281	ppbv	
62) Isopropylbenzene	14.67	105	1132021	2.014	ppbv	96
69) p-Isopropyltoluene	17.65	119	93041m	0.160	ppbv	
70) n-Butylbenzene	18.55	91	86103m	0.155	ppbv	
72) 4-Ethyltoluene	15.84	105	56331m	0.119	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	73902	0.168	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	249141	0.532	ppbv #	67
79) Naphthalene	22.19	128	233205	0.744	ppbv #	93
80) Naphthalene,2-methyl-	24.97	142	23661	0.271	ppbv #	78

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

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