

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037354.D
 Acq On : 6 Aug 2021 22:00
 Operator : SY/AP
 Sample : M3157-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-2

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 6:09:52 PM

Quant Time: Aug 07 03:06:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	928106	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2993598	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2580484	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1607620	8.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	42862	0.204	ppbv	100
3) Chlorodifluoromethane	2.98	51	122590	0.662	ppbv	96
4) Chloromethane	3.13	50	27067	0.428	ppbv #	87
5) Vinyl Chloride	3.25	62	10756	0.141	ppbv #	70
9) Propene	3.01	41	50544	0.814	ppbv	89
10) Heptane	8.10	43	14430m	0.100	ppbv	
11) Trichlorofluoromethane	3.94	101	38414	0.213	ppbv	99
13) Ethanol	3.60	45	2334943	203.808	ppbv	98
15) Acetone	3.85	43	429997	4.446	ppbv #	57
17) tert-Butyl alcohol	4.30	59	32716m	0.318	ppbv	
18) 1,1-Dichloroethene	4.28	96	6475m	0.111	ppbv	
19) Isopropyl Alcohol	3.97	45	246207	4.206	ppbv #	97
20) Methylene Chloride	4.34	84	2199832	27.159	ppbv	99
26) Hexane	5.68	57	801155	5.927	ppbv #	48
29) Chloroform	5.74	83	543435	2.997	ppbv	98
30) Cyclohexane	7.12	84	52860	0.501	ppbv #	77
31) cis-1,2-Dichloroethene	5.54	61	314185	2.945	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	45195	0.235	ppbv	95
34) 2-Butanone	5.24	43	80379	0.800	ppbv	91
35) Carbon Tetrachloride	7.01	117	256138	1.367	ppbv	97
36) Benzene	6.88	78	156200	0.681	ppbv	95
38) Trichloroethene	7.82	130	74273	0.661	ppbv	87
41) Tetrahydrofuran	6.05	42	22907	0.463	ppbv	91
44) 2,2,4-Trimethylpentane	7.86	57	76057	0.198	ppbv #	84
50) 4-Methyl-2-Pentanone	8.74	43	15357m	0.111	ppbv	
52) Tetrachloroethene	11.21	164	1695116	15.491	ppbv	99
53) Toluene	9.79	91	487038	1.821	ppbv	98
58) Ethyl Benzene	12.70	91	35180m	0.104	ppbv	
59) m/p-Xylene	12.95	91	86244m	0.294	ppbv	
60) o-Xylene	13.67	91	41065m	0.151	ppbv	
61) Styrene	13.51	104	14114m	0.101	ppbv	
72) 4-Ethyltoluene	15.83	105	37478m	0.117	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	38820m	0.128	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	112705m	0.354	ppbv	

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

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