

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037389.D
 Acq On : 11 Aug 2021 13:37
 Operator : SY/AP
 Sample : M3157-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-EFFLUENT

Manual Integrations
 APPROVED

apatel
 8/12/2021 10:17:00 AM

Quant Time: Aug 12 05:40:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1049434	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3366441	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2847827	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2079066	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	29244m	0.154	ppbv	
3) Chlorodifluoromethane	2.99	51	73242m	0.375	ppbv	
4) Chloromethane	3.14	50	35052	0.488	ppbv	95
5) Vinyl Chloride	3.26	62	13095m	0.178	ppbv	
9) Propene	3.02	41	42468m	0.639	ppbv	
11) Trichlorofluoromethane	3.95	101	30733	0.193	ppbv	99
13) Ethanol	3.61	45	131265	16.370	ppbv	92
15) Acetone	3.85	43	681439	6.815	ppbv	100
19) Isopropyl Alcohol	3.97	45	66454m	1.154	ppbv	
20) Methylene Chloride	4.34	84	331730	6.110	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	22361m	0.460	ppbv	
24) 1,1-Dichloroethane	5.01	63	33135m	0.262	ppbv	
26) Hexane	5.69	57	269761	2.081	ppbv #	49
29) Chloroform	5.75	83	175407	0.944	ppbv #	80
31) cis-1,2-Dichloroethene	5.55	61	2601810	22.398	ppbv	98
34) 2-Butanone	5.25	43	98996	0.774	ppbv	90
35) Carbon Tetrachloride	7.03	117	9900m	0.053	ppbv	
36) Benzene	6.89	78	99657	0.373	ppbv #	88
41) Tetrahydrofuran	6.07	42	32532m	0.541	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	89028	0.200	ppbv #	86
52) Tetrachloroethene	11.22	164	4737m	0.044	ppbv	
53) Toluene	9.80	91	463786	1.497	ppbv	97
58) Ethyl Benzene	12.71	91	44796m	0.118	ppbv	
59) m/p-Xylene	12.96	91	113093m	0.346	ppbv	
60) o-Xylene	13.69	91	40943m	0.135	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	41544m	0.124	ppbv	

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

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