

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037385.D
 Acq On : 11 Aug 2021 10:59
 Operator : SY/AP
 Sample : M3157-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-INFLUENT-1

Manual Integrations
 APPROVED

apatel
 8/12/2021 10:16:53 AM

Quant Time: Aug 12 05:19:46 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	899898	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2908180	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2592344	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	1884324	9.75	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	34544m	0.212	ppbv	
3) Chlorodifluoromethane	2.99	51	209206	1.250	ppbv	94
4) Chloromethane	3.14	50	40980	0.665	ppbv #	83
5) Vinyl Chloride	3.25	62	16667	0.265	ppbv #	54
9) Propene	3.01	41	59611	1.046	ppbv	92
10) Heptane	8.12	43	24318m	0.180	ppbv	
11) Trichlorofluoromethane	3.95	101	41608m	0.304	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.47	101	13941m	0.143	ppbv	
13) Ethanol	3.60	45	2774223	403.459	ppbv	95
15) Acetone	3.85	43	914421	10.665	ppbv #	83
17) tert-Butyl alcohol	4.31	59	32690m	0.426	ppbv	
18) 1,1-Dichloroethene	4.28	96	9343m	0.212	ppbv	
19) Isopropyl Alcohol	3.97	45	315588m	6.393	ppbv	
20) Methylene Chloride	4.34	84	1130921	24.291	ppbv	91
22) trans-1,2-Dichloroethene	4.89	96	8181m	0.196	ppbv	
24) 1,1-Dichloroethane	5.01	63	13363m	0.123	ppbv	
26) Hexane	5.68	57	960312	8.639	ppbv #	47
29) Chloroform	5.74	83	699387	4.388	ppbv	95
30) Cyclohexane	7.13	84	81350	0.884	ppbv	90
31) cis-1,2-Dichloroethene	5.55	61	452076	4.538	ppbv	95
32) 1,1,1-Trichloroethane	6.50	97	66155	0.428	ppbv	98
34) 2-Butanone	5.24	43	204961	1.855	ppbv	100
35) Carbon Tetrachloride	7.01	117	317980	1.961	ppbv	96
36) Benzene	6.89	78	200209	0.868	ppbv #	95
38) Trichloroethene	7.83	130	101055	1.028	ppbv	95
41) Tetrahydrofuran	6.06	42	35911m	0.691	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	123585	0.321	ppbv #	87
52) Tetrachloroethene	11.22	164	2645421	28.121	ppbv	97
53) Toluene	9.80	91	766714m	2.865	ppbv	
58) Ethyl Benzene	12.70	91	84878m	0.245	ppbv	
59) m/p-Xylene	12.97	91	216248m	0.726	ppbv	
60) o-Xylene	13.69	91	79778m	0.289	ppbv	
61) Styrene	13.53	104	27239	0.190	ppbv #	82
72) 4-Ethyltoluene	15.83	105	39211m	0.121	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	34147m	0.114	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	83168	0.273	ppbv #	73

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

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