

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036731.D
 Acq On : 7 Apr 2021 18:04
 Operator : SY/AP
 Sample : M1929-02DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV-04DUP

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:15:54 AM

Quant Time: Apr 10 22:46:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 01:58:43 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1271667	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3227501	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2730176	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2216281	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	30155	0.145	ppbv	93
3) Chlorodifluoromethane	2.98	51	40144m	0.169	ppbv	
4) Chloromethane	3.14	50	22047m	0.263	ppbv	
9) Propene	3.01	41	124745	1.647	ppbv	93
10) Heptane	8.13	43	29622m	0.154	ppbv	
11) Trichlorofluoromethane	3.95	101	117448	0.556	ppbv	92
13) Ethanol	3.61	45	122300m	13.559	ppbv	
15) Acetone	3.85	43	1210585	9.672	ppbv	98
19) Isopropyl Alcohol	3.99	45	207356	3.012	ppbv #	1
20) Methylene Chloride	4.34	84	903044	15.410	ppbv	93
24) 1,1-Dichloroethane	5.01	63	30483	0.195	ppbv #	94
26) Hexane	5.69	57	653248	4.731	ppbv #	47
27) Carbon Disulfide	4.55	76	35091	0.258	ppbv #	91
29) Chloroform	5.75	83	374442	1.696	ppbv	95
30) Cyclohexane	7.13	84	46797m	0.418	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	80293	0.361	ppbv	89
34) 2-Butanone	5.26	43	172142	1.093	ppbv #	77
35) Carbon Tetrachloride	7.02	117	10297m	0.042	ppbv	
36) Benzene	6.89	78	7019366	23.582	ppbv	96
37) 1,2-Dichloroethane	6.31	62	50632	0.289	ppbv #	95
52) Tetrachloroethene	11.23	164	2379331	21.707	ppbv	97
53) Toluene	9.81	91	2985818	9.419	ppbv	99
58) Ethyl Benzene	12.72	91	2049190	5.159	ppbv	98
59) m/p-Xylene	13.01	91	2687565	7.757	ppbv	96
60) o-Xylene	13.70	91	1308497	3.906	ppbv	100
61) Styrene	13.53	104	26303m	0.156	ppbv	
62) Isopropylbenzene	14.67	105	49176m	0.109	ppbv	
64) n-propylbenzene	15.57	120	33930m	0.308	ppbv	
72) 4-Ethyltoluene	15.84	105	277830	0.757	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	529103	1.544	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	1358453	3.705	ppbv #	69
79) Naphthalene	22.21	128	467300	2.184	ppbv #	95

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

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