Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051921\
Data File : VL037001.D
Acq On : 19 May 2021 21:09
Operator : SY/AP
Sample : M2424-04
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : KSV-01

Manual Integrations APPROVED
MMDadoda
5/24/2021 3:01:56 PM

Quant Time: May 22 22:16:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 1
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1206293	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3499493	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	3172952	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2429839	10.19	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	35660	0.174	ppbv	#	85
4) Chloromethane	3.12	50	23191m	0.308	ppbv		
9) Propene	2.99	41	947365	11.972	ppbv		99
10) Heptane	8.10	43	320318	1.624	ppbv		96
11) Trichlorofluoromethane	3.93	101	662401	3.497	ppbv		98
13) Ethanol	3.59	45	1332928	126.242	ppbv		92
15) Acetone	3.84	43	33512123	271.228	ppbv	#	61
17) tert-Butyl alcohol	4.28	59	1524608	13.471	ppbv		97
19) Isopropyl Alcohol	3.96	45	1160844	17.478	ppbv	#	30
20) Methylene Chloride	4.34	84	464799	7.018	ppbv		96
26) Hexane	5.66	57	956249	6.305	ppbv	#	12
27) Carbon Disulfide	4.53	76	695177	4.548	ppbv		97
29) Chloroform	5.74	83	40284m	0.188	ppbv		
30) Cyclohexane	7.11	84	118867	0.922	ppbv	#	76
34) 2-Butanone	5.23	43	4514038	35.425	ppbv		99
35) Carbon Tetrachloride	7.01	117	9801m	0.042	ppbv		
36) Benzene	6.88	78	8629234	28.628	ppbv		93
50) 4-Methyl-2-Pentanone	8.73	43	112422	0.535	ppbv	#	87
51) 2-Hexanone	10.11	43	585149	5.264	ppbv	#	97
52) Tetrachloroethene	11.20	164	13310m	0.111	ppbv		
53) Toluene	9.79	91	5099362	14.218	ppbv		100
58) Ethyl Benzene	12.69	91	384385	0.858	ppbv		99
59) m/p-Xylene	12.94	91	454989	1.229	ppbv		97
60) o-Xylene	13.67	91	145627	0.412	ppbv		96
61) Styrene	13.50	104	68908	0.346	ppbv	#	88
72) 4-Ethyltoluene	15.82	105	77226	0.184	ppbv	#	85
73) 1,3,5-Trimethylbenzene	15.98	105	82356	0.209	ppbv		90
74) 1,2,4-Trimethylbenzene	16.75	105	239662	0.589	ppbv	#	72

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

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