Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
Data File : VL041311.D
Acq On : 4 Jun 2024 18:47
Operator : SY/MD
Sample : P2673-04
Misc : 400mL/MSVOA_L
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOC-1-EPOXY-AREA

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 05:29:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.205	49	807708	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2096562	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2016192	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1518167	9.753	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.761	85	56804	0.440	ppbv	96
3) Chlorodifluoromethane	2.706	51	44703	0.350	ppbv #	90
4) Chloromethane	2.848	50	28444	0.592	ppbv	94
9) Propene	2.726	41	207075	4.555	ppbv	98
10) Heptane	7.584	43	123446	1.146	ppbv	98
11) Trichlorofluoromethane	3.587	101	34428	0.290	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.089	101	6765m	0.081	ppbv	
13) Ethanol	3.266	45	1782441	150.694	ppbv	99
15) Acetone	3.494	43	330060m	3.579	ppbv	
20) Methylene Chloride	3.954	84	1511370	45.090	ppbv	96
26) Hexane	5.227	57	2153830	26.252	ppbv #	41
30) Cyclohexane	6.610	84	55001	0.827	ppbv	90
31) cis-1,2-Dichloroethene	5.089	61	3633m	0.047	ppbv	
32) 1,1,1-Trichloroethane	6.012	97	4347m	0.036	ppbv	
34) 2-Butanone	4.806	43	40175	0.400	ppbv	92
35) Carbon Tetrachloride	6.507	117	11719m	0.098	ppbv	
36) Benzene	6.378	78	348033	2.142	ppbv	96
38) Trichloroethene	7.295	130	7458m	0.113	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	362854	1.298	ppbv #	87
53) Toluene	9.221	91	1100200	5.886	ppbv	100
58) Ethyl Benzene	12.089	91	307122	1.188	ppbv	99
59) m/p-Xylene	12.343	91	951269	4.296	ppbv	96
60) o-Xylene	13.056	91	372114	1.763	ppbv	99
61) Styrene	12.896	104	23654	0.229	ppbv #	86
62) Isopropylbenzene	14.024	105	29694	0.093	ppbv	92
64) n-propylbenzene	14.918	120	25653m	0.312	ppbv	
72) 4-Ethyltoluene	15.191	105	149980	0.610	ppbv	95
73) 1,3,5-Trimethylbenzene	15.355	105	91337	0.428	ppbv	89
74) 1,2,4-Trimethylbenzene	16.108	105	447013	1.852	ppbv #	73
79) Naphthalene	21.390	128	22269m	0.106	ppbv	

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

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