Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
Data File : VL040027.D
Acq On : 19 Dec 2022 14:02
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 20 04:58:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL121922

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.172	49	1001584	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2963333	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2804621	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2113943	9.867	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	1626613	8.676	ppbv	99
3) Chlorodifluoromethane	2.658	51	1245851	8.431	ppbv	99
4) Chloromethane	2.793	50	785428	8.482	ppbv	97
5) Vinyl Chloride	2.902	62	680128	9.078	ppbv	97
6) Bromomethane	3.102	94	239286	8.693	ppbv	92
7) Chloroethane	3.179	64	244282	8.642	ppbv	99
8) Dichlorotetrafluoroethane	2.838	85	1654511	8.388	ppbv	99
9) Propene	2.677	41	562071	8.963	ppbv	98
10) Heptane	7.561	43	1362385	8.901	ppbv	99
11) Trichlorofluoromethane	3.542	101	1734127	8.512	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1305267	8.460	ppbv	99
13) Ethanol	3.227	45	45232m	7.663	ppbv	
14) Bromoethene	3.346	108	531782	9.153	ppbv	98
15) Acetone	3.449	43	1190679	7.685	ppbv	97
16) 1,3-Butadiene	2.967	39	628870	9.338	ppbv	98
17) tert-Butyl alcohol	3.857	59	1271194	8.322	ppbv	99
18) 1,1-Dichloroethene	3.864	96	572767	8.529	ppbv	97
19) Isopropyl Alcohol	3.555	45	651098	8.527	ppbv	99
20) Methylene Chloride	3.915	84	506714	7.694	ppbv	99
21) Allyl Chloride	3.976	41	857640	9.211	ppbv	98
22) trans-1,2-Dichloroethene	4.430	96	603390	9.015	ppbv	93
23) Vinyl Acetate	4.607	43	452043	9.203	ppbv	98
24) 1,1-Dichloroethane	4.545	63	1246486	8.641	ppbv	99
25) Ethyl Acetate	5.185	43	2278163	8.490	ppbv	99
26) Hexane	5.195	57	995616	8.828	ppbv	96
27) Carbon Disulfide	4.105	76	1425852	10.023	ppbv	100
28) Methyl tert-Butyl Ether	4.568	73	1167105	8.781	ppbv	100
29) Chloroform	5.256	83	1652837	9.604	ppbv	98
30) Cyclohexane	6.584	84	911869	9.130	ppbv	98
31) cis-1,2-Dichloroethene	5.060	61	950492	8.850	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1751065	9.504	ppbv	100
34) 2-Butanone	4.767	43	1349099	8.392	ppbv	99
35) Carbon Tetrachloride	6.478	117	1800360	9.781	ppbv	99
36) Benzene	6.356	78	2295906	8.675	ppbv	98
37) 1,2-Dichloroethane	5.790	62	1351215	8.703	ppbv	100
38) Trichloroethene	7.275	130	1310621	9.637	ppbv	99
39) 1,2-Dichloropropane	7.057	63	869141	8.762	ppbv	97
40) 1,4-Dioxane	7.272	88	355727	7.956	ppbv	84
41) Tetrahydrofuran	5.542	42	895739	8.927	ppbv	99
42) Bromodichloromethane	7.233	83	1895805	8.913	ppbv	100
43) Methyl Methacrylate	7.458	69	920541	9.268	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3731254	8.564	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	875185	10.425	ppbv	99

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46)	cis-1,3-Dichloropropene	8.130	75	1176179	9.934	ppbv		98
47)	1,1,2-Trichloroethane	8.886	97	927823	8.541	ppbv		97
48)	Dibromochloromethane	9.696	129	1520545	9.204	ppbv		100
49)	Bromoform	12.394	173	1123928	8.918	ppbv		99
50)	4-Methyl-2-Pentanone	8.166	43	2267363	8.633	ppbv		99
51)	2-Hexanone	9.539	43	1780148	8.714	ppbv	#	100
52)	Tetrachloroethene	10.603	164	772289	8.583	ppbv		96
53)	Toluene	9.208	91	2606272	8.895	ppbv		100
54)	1,2-Dibromoethane	9.992	107	1053176	9.003	ppbv		96
56)	1,1,1,2-Tetrachloroethane	11.494	131	1075702	8.315	ppbv		98
57)	Chlorobenzene	11.513	112	1931420	8.112	ppbv		97
58)	Ethyl Benzene	12.079	91	3401349	8.536	ppbv		99
59)	m/p-Xylene	12.359	91	5726249m	16.495	ppbv		
60)	o-Xylene	13.047	91	2707051	8.140	ppbv		99
61)	Styrene	12.886	104	1602633	8.984	ppbv		100
62)	Isopropylbenzene	14.018	105	3793812	7.912	ppbv		100
63)	1,1,2,2-Tetrachloroethane	13.037	83	867944	7.118	ppbv		99
64)	n-propylbenzene	14.905	120	965743	7.974	ppbv		99
65)	tert-Butylbenzene	16.082	119	3217562	7.722	ppbv		99
66)	Benzyl Chloride	16.317	91	209635m	8.628	ppbv		
67)	sec-Butylbenzene	16.625	105	4472962	7.660	ppbv		100
69)	p-Isopropyltoluene	16.985	119	3657104	7.840	ppbv		100
70)	n-Butylbenzene	17.873	91	3817697	7.812	ppbv		100
71)	2-Chlorotoluene	14.786	91	2862273	7.824	ppbv		100
72)	4-Ethyltoluene	15.182	105	3006204	8.141	ppbv		100
73)	1,3,5-Trimethylbenzene	15.339	105	2658197	7.982	ppbv		99
74)	1,2,4-Trimethylbenzene	16.098	105	2831727	7.714	ppbv		96
75)	1,3-Dichlorobenzene	16.320	146	1580094	7.866	ppbv		99
76)	1,4-Dichlorobenzene	16.461	146	1564107	7.976	ppbv		99
77)	1,2-Dichlorobenzene	17.130	146	1527110	7.927	ppbv		99
78)	Hexachloro-1,3-Butadiene	22.622	225	1089363	8.152	ppbv	#	100
79)	Naphthalene	21.374	128	2323794	10.624	ppbv		98
80)	Naphthalene,2-methyl-	24.368	142	559070	8.354	ppbv		98
81)	1,2,4-Trichlorobenzene	21.130	180	1180237	9.084	ppbv		99

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

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