Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041127.D
Acq On : 4 Apr 2024 14:19
Operator : SY/MD
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 05 04:53:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 05 04:49:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ICVVL040424

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.214	49	1498028	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	3954963	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.504	117	4075854m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.812	95	2996152	9.142	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	2333067	9.105	ppbv	98
3) Chlorodifluoromethane	2.681	51	2100613	9.104	ppbv	99
4) Chloromethane	2.819	50	805807	9.229	ppbv	96
5) Vinyl Chloride	2.928	62	845082	10.019	ppbv	99
6) Bromomethane	3.128	94	263492	8.299	ppbv	92
7) Chloroethane	3.205	64	290333	9.379	ppbv	99
8) Dichlorotetrafluoroethane	2.864	85	2058829	9.419	ppbv	99
9) Propene	2.700	41	704910	9.604	ppbv	97
10) Heptane	7.607	43	1783955	10.237	ppbv	100
11) Trichlorofluoromethane	3.575	101	2115695	9.105	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	1545174	9.187	ppbv	98
13) Ethanol	3.250	45	153988	8.820	ppbv	99
14) Bromoethene	3.375	108	649546	9.805	ppbv	99
15) Acetone	3.478	43	1555692	9.591	ppbv	99
16) 1,3-Butadiene	2.993	39	785842	9.869	ppbv	98
17) tert-Butyl alcohol	3.893	59	1545561	10.521	ppbv	100
18) 1,1-Dichloroethene	3.893	96	702506	9.784	ppbv	97
19) Isopropyl Alcohol	3.587	45	1047790	10.633	ppbv #	94
20) Methylene Chloride	3.948	84	572512	8.558	ppbv	97
21) Allyl Chloride	4.012	41	968528	9.800	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	732356	9.729	ppbv	97
23) Vinyl Acetate	4.645	43	1779303	10.738	ppbv	98
24) 1,1-Dichloroethane	4.581	63	1443807	9.576	ppbv	99
25) Ethyl Acetate	5.224	43	2974882	9.766	ppbv	99
26) Hexane	5.234	57	1308751	9.575	ppbv	99
27) Carbon Disulfide	4.140	76	1757828	10.496	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	1048983	10.170	ppbv	99
29) Chloroform	5.295	83	2179390	9.458	ppbv	99
30) Cyclohexane	6.629	84	1142933	10.265	ppbv	97
31) cis-1,2-Dichloroethene	5.099	61	1284146	9.926	ppbv	99
32) 1,1,1-Trichloroethane	6.028	97	2199032	10.324	ppbv	99
34) 2-Butanone	4.806	43	1614595	9.647	ppbv	99
35) Carbon Tetrachloride	6.520	117	2304212	10.233	ppbv	98
36) Benzene	6.394	78	2849115	9.810	ppbv	99
37) 1,2-Dichloroethane	5.832	62	1652436	9.476	ppbv	99
38) Trichloroethene	7.320	130	1089698	10.385	ppbv	96
39) 1,2-Dichloropropane	7.099	63	1097866	9.587	ppbv	99
40) 1,4-Dioxane	7.314	88	424610	10.639	ppbv	78
41) Tetrahydrofuran	5.581	42	1184174	10.627	ppbv	100
42) Bromodichloromethane	7.279	83	2450442	9.836	ppbv	98
43) Methyl Methacrylate	7.504	69	1184381	10.706	ppbv	99
44) 2,2,4-Trimethylpentane	7.353	57	4635170	9.640	ppbv	99
45) t-1,3-Dichloropropene	8.742	75	638294	9.791	ppbv	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	835217	9.902	ppbv		99
47) 1,1,2-Trichloroethane	8.931	97	1186314	9.585	ppbv		98
48) Dibromochloromethane	9.745	129	2068017	10.526	ppbv		100
49) Bromoform	12.446	173	1664331	10.693	ppbv		99
50) 4-Methyl-2-Pentanone	8.208	43	2972908	10.094	ppbv		99
51) 2-Hexanone	9.584	43	2149133	10.525	ppbv	#	97
52) Tetrachloroethene	10.651	164	948088	10.231	ppbv		97
53) Toluene	9.253	91	3204511	10.479	ppbv		100
54) 1,2-Dibromoethane	10.044	107	1573903	10.196	ppbv		99
56) 1,1,1,2-Tetrachloroethane	11.542	131	1493527	8.916	ppbv		99
57) Chlorobenzene	11.561	112	2474800	8.870	ppbv		99
58) Ethyl Benzene	12.124	91	4314381	9.669	ppbv		97
59) m/p-Xylene	12.407	91	7376157m	18.303	ppbv		
60) o-Xylene	13.098	91	3541722	9.275	ppbv		99
61) Styrene	12.934	104	1813453	10.718	ppbv		99
62) Isopropylbenzene	14.066	105	5132755	9.029	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.085	83	2672773	8.909	ppbv		100
64) n-propylbenzene	14.954	120	1350130	9.464	ppbv		96
65) tert-Butylbenzene	16.127	119	4609910	9.289	ppbv		99
66) Benzyl Chloride	16.368	91	231078m	7.077	ppbv		
67) sec-Butylbenzene	16.674	105	6509926	9.079	ppbv		99
69) p-Isopropyltoluene	17.034	119	5320064	9.515	ppbv		100
70) n-Butylbenzene	17.924	91	5807986	9.562	ppbv		100
71) 2-Chlorotoluene	14.838	91	4058938	9.309	ppbv		99
72) 4-Ethyltoluene	15.230	105	4135420	9.696	ppbv		99
73) 1,3,5-Trimethylbenzene	15.388	105	3590859	9.546	ppbv		98
74) 1,2,4-Trimethylbenzene	16.146	105	3967901	9.218	ppbv		98
75) 1,3-Dichlorobenzene	16.368	146	2313113	9.203	ppbv		99
76) 1,4-Dichlorobenzene	16.513	146	2279139	9.323	ppbv		98
77) 1,2-Dichlorobenzene	17.179	146	2283004	9.354	ppbv		99
78) Hexachloro-1,3-Butadiene	22.677	225	1444164	8.900	ppbv		99
79) Naphthalene	21.429	128	3535036	12.800	ppbv		98
80) Naphthalene,2-methyl-	24.410	142	766495	14.248	ppbv		92
81) 1,2,4-Trichlorobenzene	21.182	180	1699894	10.980	ppbv		99

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

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