

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039243.D
 Acq On : 8 Jun 2022 20:24
 Operator : SY/AP
 Sample : N3214-13 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:42:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.677	49	981116	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2245021	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	1943393	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1776295	11.056	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	109367	0.635	ppbv	89
3) Chlorodifluoromethane	2.999	51	70599	0.566	ppbv #	91
4) Chloromethane	3.160	50	33570	0.524	ppbv #	72
5) Vinyl Chloride	3.266	62	33053m	0.551	ppbv	
6) Bromomethane	3.488	94	16970	0.575	ppbv	90
7) Chloroethane	3.568	64	13918m	0.666	ppbv	
8) Dichlorotetrafluoroethane	3.198	85	88761	0.564	ppbv	95
9) Propene	3.025	41	26023m	0.478	ppbv	
10) Heptane	8.134	43	48976m	0.386	ppbv	
11) Trichlorofluoromethane	3.960	101	113797	0.730	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.501	101	69517	0.674	ppbv	94
13) Ethanol	3.623	45	3150m	1.061	ppbv	
14) Bromoethene	3.748	108	27038	0.583	ppbv #	89
15) Acetone	3.870	43	76088m	0.744	ppbv	
16) 1,3-Butadiene	3.337	39	33263m	0.605	ppbv	
17) tert-Butyl alcohol	4.317	59	57098m	0.720	ppbv	
18) 1,1-Dichloroethene	4.305	96	30044	0.649	ppbv #	82
19) Isopropyl Alcohol	3.993	45	31171m	0.650	ppbv	
20) Methylene Chloride	4.356	84	36241	0.841	ppbv #	93
21) Allyl Chloride	4.423	41	48198m	0.699	ppbv	
22) trans-1,2-Dichloroethene	4.896	96	29849m	0.670	ppbv	
23) Vinyl Acetate	5.092	43	36180m	0.428	ppbv	
24) 1,1-Dichloroethane	5.022	63	71608	0.618	ppbv	96
25) Ethyl Acetate	5.694	43	94487	0.410	ppbv #	95
26) Hexane	5.697	57	42142	0.416	ppbv #	82
27) Carbon Disulfide	4.565	76	61089	0.582	ppbv #	79
28) Methyl tert-Butyl Ether	5.057	73	58055m	0.520	ppbv	
29) Chloroform	5.758	83	86303	0.507	ppbv	97
30) Cyclohexane	7.144	84	38795m	0.456	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	45765m	0.443	ppbv	
32) 1,1,1-Trichloroethane	6.517	97	86927m	0.522	ppbv	
34) 2-Butanone	5.269	43	62408m	0.512	ppbv	
35) Carbon Tetrachloride	7.025	117	87689	0.535	ppbv	96
36) Benzene	6.906	78	77860	0.427	ppbv	95
37) 1,2-Dichloroethane	6.314	62	63651	0.531	ppbv	100
38) Trichloroethene	7.845	130	38846m	0.464	ppbv	
39) 1,2-Dichloropropane	7.623	63	33587m	0.463	ppbv	
40) 1,4-Dioxane	7.873	88	11449m	0.480	ppbv	
41) Tetrahydrofuran	6.083	42	31419m	0.428	ppbv	
42) Bromodichloromethane	7.800	83	84284m	0.506	ppbv	
43) Methyl Methacrylate	8.028	69	30819m	0.434	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	138477	0.434	ppbv #	91
45) t-1,3-Dichloropropene	9.282	75	26580m	0.359	ppbv	

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46) cis-1,3-Dichloropropene	8.713	75	37446m	0.383	ppbv	
47) 1,1,2-Trichloroethane	9.481	97	35932m	0.475	ppbv	
48) Dibromochloromethane	10.314	129	54833	0.406	ppbv	97
49) Bromoform	13.050	173	41957m	0.373	ppbv	
50) 4-Methyl-2-Pentanone	8.764	43	74797m	0.410	ppbv	
51) 2-Hexanone	10.166	43	55047m	0.387	ppbv	
52) Tetrachloroethene	11.233	164	30515m	0.429	ppbv	
53) Toluene	9.816	91	78968	0.376	ppbv	98
54) 1,2-Dibromoethane	10.613	107	42122	0.414	ppbv	85
56) 1,1,1,2-Tetrachloroethane	12.131	131	45312	0.493	ppbv #	67
57) Chlorobenzene	12.150	112	65319	0.447	ppbv	93
58) Ethyl Benzene	12.719	91	122611m	0.458	ppbv	
59) m/p-Xylene	12.992	91	221778m	0.941	ppbv	
60) o-Xylene	13.703	91	105607m	0.477	ppbv	
61) Styrene	13.539	104	44242m	0.373	ppbv	
62) Isopropylbenzene	14.671	105	162805m	0.495	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.680	83	59014m	0.475	ppbv	
64) n-propylbenzene	15.565	120	37115m	0.459	ppbv	
65) tert-Butylbenzene	16.748	119	132569	0.440	ppbv #	75
66) Benzyl Chloride	16.989	91	14991m	0.383	ppbv	
67) sec-Butylbenzene	17.301	105	185721	0.452	ppbv	100
69) p-Isopropyltoluene	17.661	119	150910m	0.435	ppbv	
70) n-Butylbenzene	18.558	91	159114	0.447	ppbv	96
71) 2-Chlorotoluene	15.452	91	116088m	0.462	ppbv	
72) 4-Ethyltoluene	15.847	105	125007m	0.482	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	109404m	0.467	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	121125m	0.464	ppbv	
75) 1,3-Dichlorobenzene	17.005	146	72300m	0.489	ppbv	
76) 1,4-Dichlorobenzene	17.146	146	67922m	0.460	ppbv	
77) 1,2-Dichlorobenzene	17.825	146	69912m	0.469	ppbv	
78) Hexachloro-1,3-Butadiene	23.381	225	73618m	0.540	ppbv	
79) Naphthalene	22.211	128	73296m	0.364	ppbv	
80) Naphthalene,2-methyl-	24.976	142	13266m	0.178	ppbv	
81) 1,2,4-Trichlorobenzene	21.931	180	47516m	0.373	ppbv	

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

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