

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041239.D
 Acq On : 8 May 2024 11:56
 Operator : SY/MD
 Sample : P2403-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

Quant Time: May 09 04:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.214	49	801683	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2212838	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2031753	10.000	ppbv	0.00

05/09/2024
 Supervised By : Mahesh
 Padoda

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1549552	10.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

05/09/2024

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	69372	0.640	ppbv	94
3) Chlorodifluoromethane	2.700	51	65666	0.539	ppbv	98
4) Chloromethane	2.835	50	24673	0.516	ppbv	90
5) Vinyl Chloride	2.944	62	22800	0.475	ppbv	99
6) Bromomethane	3.140	94	9699m	0.554	ppbv	
7) Chloroethane	3.221	64	8982	0.530	ppbv	93
8) Dichlorotetrafluoroethane	2.880	85	59079	0.526	ppbv	95
9) Propene	2.716	41	23211	0.487	ppbv	96
10) Heptane	7.606	43	48360	0.419	ppbv	88
11) Trichlorofluoromethane	3.581	101	58578	0.532	ppbv	85
12) 1,1,2-Trichlorotrifluo...	4.086	101	39733	0.488	ppbv	92
13) Ethanol	3.282	45	5100	0.477	ppbv	98
14) Bromoethene	3.388	108	15362	0.457	ppbv #	85
15) Acetone	3.507	43	54710	0.578	ppbv	92
16) 1,3-Butadiene	3.005	39	25458m	0.533	ppbv	
17) tert-Butyl alcohol	3.912	59	42643m	0.418	ppbv	
18) 1,1-Dichloroethene	3.902	96	17978	0.495	ppbv	84
19) Isopropyl Alcohol	3.610	45	29404m	0.474	ppbv	
20) Methylene Chloride	3.954	84	19749	0.600	ppbv #	94
21) Allyl Chloride	4.015	41	30582m	0.496	ppbv	
22) trans-1,2-Dichloroethene	4.468	96	17089	0.452	ppbv	88
23) Vinyl Acetate	4.655	43	43344m	0.416	ppbv	
24) 1,1-Dichloroethane	4.584	63	42182	0.521	ppbv	97
25) Ethyl Acetate	5.240	43	80493	0.426	ppbv #	95
26) Hexane	5.234	57	38109m	0.452	ppbv	
27) Carbon Disulfide	4.150	76	42510	0.426	ppbv #	82
28) Methyl tert-Butyl Ether	4.619	73	29579	0.441	ppbv #	89
29) Chloroform	5.295	83	62456	0.537	ppbv	93
30) Cyclohexane	6.629	84	33021m	0.495	ppbv	
31) cis-1,2-Dichloroethene	5.102	61	38651m	0.490	ppbv	
32) 1,1,1-Trichloroethane	6.028	97	55116	0.475	ppbv	94
34) 2-Butanone	4.825	43	55030m	0.489	ppbv	
35) Carbon Tetrachloride	6.516	117	54161	0.436	ppbv	93
36) Benzene	6.394	78	80294	0.432	ppbv #	94
37) 1,2-Dichloroethane	5.828	62	43808	0.452	ppbv #	95
38) Trichloroethene	7.317	130	31413	0.454	ppbv	90
39) 1,2-Dichloropropane	7.095	63	33025m	0.461	ppbv	
40) 1,4-Dioxane	7.349	88	10492m	0.410	ppbv	
41) Tetrahydrofuran	5.607	42	33008m	0.405	ppbv	
42) Bromodichloromethane	7.272	83	64823	0.466	ppbv	97
43) Methyl Methacrylate	7.504	69	29030m	0.387	ppbv	
44) 2,2,4-Trimethylpentane	7.352	57	138847m	0.434	ppbv	
45) t-1,3-Dichloropropene	8.741	75	17300m	0.318	ppbv	

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46) cis-1,3-Dichloropropene	8.166	75	24707m	0.371	ppbv		05/09/2024
47) 1,1,2-Trichloroethane	8.928	97	33955m	0.474	ppbv		Supervised By : Mahesh Dadoda
48) Dibromochloromethane	9.732	129	48460	0.425	ppbv	100	
49) Bromoform	12.429	173	35499	0.366	ppbv	98	
50) 4-Methyl-2-Pentanone	8.227	43	82303m	0.407	ppbv		
51) 2-Hexanone	9.610	43	60790m	0.405	ppbv		
52) Tetrachloroethene	10.648	164	31109m	0.477	ppbv		
53) Toluene	9.243	91	88002	0.409	ppbv	99	05/09/2024
54) 1,2-Dibromoethane	10.034	107	44295	0.457	ppbv	87	
56) 1,1,1,2-Tetrachloroethane	11.536	131	34232	0.416	ppbv #	59	
57) Chlorobenzene	11.552	112	77118	0.518	ppbv #	92	
58) Ethyl Benzene	12.114	91	119605	0.429	ppbv	97	
59) m/p-Xylene	12.397	91	209274m	0.894	ppbv		
60) o-Xylene	13.085	91	104445m	0.476	ppbv		
61) Styrene	12.928	104	47677m	0.411	ppbv		
62) Isopropylbenzene	14.060	105	155892	0.475	ppbv	99	
63) 1,1,2,2-Tetrachloroethane	13.076	83	73376m	0.490	ppbv		
64) n-propylbenzene	14.947	120	36838	0.450	ppbv	83	
65) tert-Butylbenzene	16.114	119	131000	0.446	ppbv	95	
66) Benzyl Chloride	16.371	91	6223m	0.187	ppbv		
67) sec-Butylbenzene	16.664	105	190806	0.461	ppbv	97	
69) p-Isopropyltoluene	17.021	119	150831	0.442	ppbv	97	
70) n-Butylbenzene	17.915	91	147254	0.413	ppbv	97	
71) 2-Chlorotoluene	14.825	91	112984	0.452	ppbv	97	
72) 4-Ethyltoluene	15.217	105	115674m	0.465	ppbv		
73) 1,3,5-Trimethylbenzene	15.381	105	96213	0.428	ppbv	98	
74) 1,2,4-Trimethylbenzene	16.137	105	111370	0.453	ppbv #	94	
75) 1,3-Dichlorobenzene	16.362	146	70012m	0.497	ppbv		
76) 1,4-Dichlorobenzene	16.500	146	59791	0.441	ppbv	89	
77) 1,2-Dichlorobenzene	17.172	146	62813	0.446	ppbv	91	
78) Hexachloro-1,3-Butadiene	22.667	225	60109m	0.480	ppbv		
79) Naphthalene	21.429	128	82599m	0.353	ppbv		
80) Naphthalene,2-methyl-	24.413	142	13912m	0.148	ppbv		
81) 1,2,4-Trichlorobenzene	21.175	180	43698m	0.354	ppbv		

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

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