

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041785.D
 Acq On : 17 Dec 2024 18:21
 Operator : SY/MD
 Sample : VL1217ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1217ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 21 01:24:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	54213	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	140075	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	121094	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 105471 10.452 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	122071	12.654	ppbv	96
3) Chlorodifluoromethane	1.476	51	97620	11.042	ppbv	97
4) Chloromethane	1.535	50	45514	12.059	ppbv	100
5) Vinyl Chloride	1.580	62	41769	10.984	ppbv	99
6) Bromomethane	1.667	94	20050	11.173	ppbv	97
7) Chloroethane	1.706	64	17448	11.812	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	103546	11.993	ppbv	98
9) Propene	1.483	41	33269	8.682	ppbv	100
10) Heptane	4.988	43	97758	9.932	ppbv	98
11) Trichlorofluoromethane	1.878	101	126103	12.307	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	91035	11.681	ppbv	97
13) Ethanol	1.722	45	2169	6.836	ppbv	99
14) Bromoethene	1.784	108	30006	11.405	ppbv	98
15) Acetone	1.836	43	102941	9.759	ppbv	98
16) 1,3-Butadiene	1.609	39	50702	12.207	ppbv	92
17) tert-Butyl alcohol	2.039	59	118264	11.302	ppbv	100
18) 1,1-Dichloroethene	2.036	96	37940	11.612	ppbv	94
19) Isopropyl Alcohol	1.887	45	50959	8.051	ppbv #	37
20) Methylene Chloride	2.062	84	32617	10.844	ppbv	97
21) Allyl Chloride	2.098	41	65202	11.397	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	41460	11.086	ppbv	97
23) Vinyl Acetate	2.463	43	38650	7.891	ppbv #	96
24) 1,1-Dichloroethane	2.408	63	89281	11.793	ppbv	99
25) Ethyl Acetate	2.836	43	202270	10.308	ppbv	99
26) Hexane	2.829	57	75521	10.142	ppbv	95
27) Carbon Disulfide	2.153	76	70287	10.474	ppbv	94
28) Methyl tert-Butyl Ether	2.441	73	60841	10.071	ppbv	99
29) Chloroform	2.852	83	131902	11.623	ppbv	98
30) Cyclohexane	3.858	84	63139	9.965	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	77368	10.054	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	127851	11.082	ppbv	98
34) 2-Butanone	2.557	43	117732	10.447	ppbv	99
35) Carbon Tetrachloride	3.765	117	132599	13.335	ppbv	100
36) Benzene	3.661	78	152574	10.530	ppbv	97
37) 1,2-Dichloroethane	3.221	62	109290	12.122	ppbv	98
38) Trichloroethene	4.554	130	60544	9.844	ppbv	94
39) 1,2-Dichloropropane	4.318	63	54900	10.476	ppbv	94
40) 1,4-Dioxane	4.590	88	23530	9.192	ppbv #	94
41) Tetrahydrofuran	3.059	42	60687	9.613	ppbv	99
42) Bromodichloromethane	4.496	83	125015	12.053	ppbv	99
43) Methyl Methacrylate	4.884	69	56790	10.287	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	265340	10.723	ppbv	96
45) t-1,3-Dichloropropene	6.422	75	53137	9.305	ppbv	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	68915	9.506	ppbv #	95
47) 1,1,2-Trichloroethane	6.587	97	60020	10.965	ppbv	94
48) Dibromochloromethane	7.396	129	87978	11.771	ppbv	99
49) Bromoform	9.487	173	69543	11.367	ppbv	99
50) 4-Methyl-2-Pentanone	5.762	43	161524	10.527	ppbv	98
51) 2-Hexanone	7.445	43	124882	10.041	ppbv #	98
52) Tetrachloroethene	8.231	164	50417	9.348	ppbv	92
53) Toluene	6.940	91	164444	10.010	ppbv	100
54) 1,2-Dibromoethane	7.655	107	81185	10.764	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.930	131	77953	12.143	ppbv	99
57) Chlorobenzene	8.927	112	133682	10.788	ppbv	99
58) Ethyl Benzene	9.361	91	238227	10.927	ppbv	98
59) m/p-Xylene	9.555	91	403788m	23.035	ppbv	
60) o-Xylene	9.969	91	203719	11.589	ppbv	100
61) Styrene	9.875	104	81621	10.738	ppbv	99
62) Isopropylbenzene	10.545	105	301277	11.407	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	120585	10.959	ppbv	98
64) n-propylbenzene	10.995	120	75657	11.330	ppbv	100
65) tert-Butylbenzene	11.536	119	265393	11.138	ppbv	97
66) Benzyl Chloride	11.620	91	15405	7.340	ppbv	98
67) sec-Butylbenzene	11.772	105	369494	11.206	ppbv	100
69) p-Isopropyltoluene	11.931	119	293875	10.815	ppbv	98
70) n-Butylbenzene	12.287	91	286572	10.915	ppbv	98
71) 2-Chlorotoluene	10.905	91	217719	10.800	ppbv	97
72) 4-Ethyltoluene	11.128	105	233768	11.266	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	199390	11.582	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	216724	11.707	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	119553	10.129	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	117225	10.054	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	114949	10.122	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	72933	8.662	ppbv	98
79) Naphthalene	13.517	128	150651	11.679	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	51565	12.925	ppbv	96
81) 1,2,4-Trichlorobenzene	13.445	180	71526	10.148	ppbv	97

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

