

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041760.D
 Acq On : 16 Dec 2024 20:20
 Operator : SY/MD
 Sample : VL1216ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1216ABL01

Quant Time: Dec 20 03:22:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 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	62878	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	169102	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	149246	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	121763	9.790	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.499	85	94	0.008	ppbv 92
3) Chlorodifluoromethane	1.476	51	146	0.014	ppbv # 58
4) Chloromethane	1.534	50	108	0.025	ppbv # 42
5) Vinyl Chloride	1.615	62	21	0.005	ppbv # 43
6) Bromomethane	1.674	94	30	0.014	ppbv # 3
7) Chloroethane	1.936	64	13	0.008	ppbv # 40
8) Dichlorotetrafluoroethane	1.499	85	94	0.009	ppbv # 18
10) Heptane	4.988	43	41	0.004	ppbv # 29
11) Trichlorofluoromethane	1.877	101	77	0.006	ppbv # 49
12) 1,1,2-Trichlorotrifluo...	1.877	101	77	0.009	ppbv # 14
17) tert-Butyl alcohol	2.046	59	168	0.014	ppbv # 1
18) 1,1-Dichloroethene	1.942	96	26	0.007	ppbv # 1
21) Allyl Chloride	2.101	41	88	0.013	ppbv # 16
22) trans-1,2-Dichloroethene	2.369	96	76	0.018	ppbv # 1
24) 1,1-Dichloroethane	2.405	63	29	0.003	ppbv # 88
25) Ethyl Acetate	2.829	43	51	0.002	ppbv # 75
26) Hexane	2.829	57	22	0.003	ppbv # 1
28) Methyl tert-Butyl Ether	2.722	73	29	0.004	ppbv # 1
29) Chloroform	2.848	83	195	0.015	ppbv # 18
31) cis-1,2-Dichloroethene	2.337	61	32	0.004	ppbv # 26
34) 2-Butanone	2.560	43	142	0.010	ppbv # 55
36) Benzene	3.658	78	66	0.004	ppbv # 54
37) 1,2-Dichloroethane	2.777	62	21	0.002	ppbv # 1
40) 1,4-Dioxane	4.765	88	21	0.007	ppbv # 1
41) Tetrahydrofuran	3.075	42	193	0.025	ppbv # 52
42) Bromodichloromethane	4.787	83	25	0.002	ppbv # 27
44) 2,2,4-Trimethylpentane	4.648	57	20	0.001	ppbv # 39
45) t-1,3-Dichloropropene	6.545	75	27	0.004	ppbv # 42
47) 1,1,2-Trichloroethane	6.554	97	26	0.004	ppbv # 12
48) Dibromochloromethane	7.833	129	24	0.003	ppbv # 63
50) 4-Methyl-2-Pentanone	5.778	43	25	0.001	ppbv # 41
51) 2-Hexanone	7.451	43	33	0.002	ppbv # 31
53) Toluene	6.940	91	93	0.005	ppbv # 87
56) 1,1,1,2-Tetrachloroethane	8.561	131	22	0.003	ppbv # 9
58) Ethyl Benzene	9.364	91	25	0.001	ppbv # 45
59) m/p-Xylene	9.555	91	26	0.001	ppbv # 100
60) o-Xylene	9.976	91	33	0.002	ppbv # 33
62) Isopropylbenzene	10.387	105	45	0.001	ppbv # 50
63) 1,1,2,2-Tetrachloroethane	9.933	83	38	0.003	ppbv # 17
64) n-propylbenzene	11.099	120	32	0.004	ppbv # 1
65) tert-Butylbenzene	11.419	119	23	0.001	ppbv # 38
66) Benzyl Chloride	11.532	91	33	0.013	ppbv # 66
67) sec-Butylbenzene	11.775	105	101	0.002	ppbv # 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) p-Isopropyltoluene	11.930	119	36	0.001	ppbv #	47
70) n-Butylbenzene	12.290	91	53	0.002	ppbv #	46
71) 2-Chlorotoluene	10.985	91	59	0.002	ppbv	97
72) 4-Ethyltoluene	11.345	105	24	0.001	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.345	105	24	0.001	ppbv #	30
74) 1,2,4-Trimethylbenzene	11.542	105	199	0.009	ppbv #	25
75) 1,3-Dichlorobenzene	11.772	146	26	0.002	ppbv #	1
76) 1,4-Dichlorobenzene	11.772	146	26	0.002	ppbv #	1
77) 1,2-Dichlorobenzene	11.947	146	27	0.002	ppbv #	23
79) Naphthalene	13.516	128	153	0.010	ppbv #	69
81) 1,2,4-Trichlorobenzene	13.448	180	113	0.013	ppbv #	5

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

