

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041820.D
 Acq On : 19 Dec 2024 14:49
 Operator : SY/MD
 Sample : VL1219ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABS01

Quant Time: Dec 20 01:43:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Bromochloromethane	2.787	49	80796	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	195963	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	168530	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	146093	10.403	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	108662	7.558	ppbv	96
3) Chlorodifluoromethane	1.476	51	118722	9.010	ppbv	99
4) Chloromethane	1.534	50	54124	9.622	ppbv	98
5) Vinyl Chloride	1.580	62	49185	8.679	ppbv	99
6) Bromomethane	1.667	94	22812	8.530	ppbv	97
7) Chloroethane	1.706	64	19927	9.052	ppbv	92
8) Dichlorotetrafluoroethane	1.554	85	116539	9.057	ppbv	94
9) Propene	1.483	41	42133	7.377	ppbv	97
10) Heptane	4.985	43	126583	8.629	ppbv	99
11) Trichlorofluoromethane	1.877	101	138063	9.041	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	100710	8.671	ppbv	97
13) Ethanol	1.722	45	3547	7.501	ppbv	93
14) Bromoethene	1.784	108	33699	8.594	ppbv	99
15) Acetone	1.835	43	120575	7.670	ppbv	99
16) 1,3-Butadiene	1.609	39	57220	9.244	ppbv	96
17) tert-Butyl alcohol	2.039	59	136270	8.738	ppbv	100
18) 1,1-Dichloroethene	2.036	96	42177	8.662	ppbv	93
19) Isopropyl Alcohol	1.887	45	68559	7.268	ppbv #	37
20) Methylene Chloride	2.062	84	38360	8.557	ppbv	97
21) Allyl Chloride	2.097	41	79053	9.272	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	46926	8.419	ppbv	95
23) Vinyl Acetate	2.463	43	54979	7.532	ppbv #	94
24) 1,1-Dichloroethane	2.408	63	102839	9.115	ppbv	97
25) Ethyl Acetate	2.835	43	264649	9.050	ppbv	99
26) Hexane	2.829	57	95013	8.561	ppbv	92
27) Carbon Disulfide	2.152	76	87254	8.724	ppbv	95
28) Methyl tert-Butyl Ether	2.441	73	67180	7.462	ppbv	98
29) Chloroform	2.848	83	155646	9.203	ppbv	100
30) Cyclohexane	3.858	84	76745	8.127	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	94585	8.248	ppbv	97
32) 1,1,1-Trichloroethane	3.369	97	149002	8.666	ppbv	97
34) 2-Butanone	2.557	43	149437	9.479	ppbv	99
35) Carbon Tetrachloride	3.768	117	151465	10.888	ppbv	98
36) Benzene	3.658	78	189976	9.372	ppbv	99
37) 1,2-Dichloroethane	3.217	62	124857	9.899	ppbv	100
38) Trichloroethene	4.551	130	71837	8.349	ppbv	95
39) 1,2-Dichloropropane	4.315	63	68691	9.370	ppbv	94
40) 1,4-Dioxane	4.583	88	33777	9.431	ppbv #	98
41) Tetrahydrofuran	3.056	42	80588	9.124	ppbv	98
42) Bromodichloromethane	4.493	83	153057	10.548	ppbv	99
43) Methyl Methacrylate	4.884	69	70969	9.189	ppbv	98
44) 2,2,4-Trimethylpentane	4.645	57	334274	9.656	ppbv	97
45) t-1,3-Dichloropropene	6.418	75	67173	8.408	ppbv	96

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46) cis-1,3-Dichloropropene	5.606	75	88947	8.771	ppbv	97
47) 1,1,2-Trichloroethane	6.583	97	72669	9.490	ppbv	96
48) Dibromochloromethane	7.389	129	108637	10.390	ppbv	100
49) Bromoform	9.487	173	88652	10.358	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	206750	9.632	ppbv	98
51) 2-Hexanone	7.441	43	162349	9.331	ppbv #	97
52) Tetrachloroethene	8.228	164	61791	8.190	ppbv	93
53) Toluene	6.939	91	201582	8.771	ppbv	100
54) 1,2-Dibromoethane	7.652	107	100209	9.497	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.927	131	95280	10.664	ppbv	100
57) Chlorobenzene	8.927	112	168612	9.777	ppbv	99
58) Ethyl Benzene	9.357	91	291119	9.595	ppbv	100
59) m/p-Xylene	9.555	91	500696m	20.524	ppbv	
60) o-Xylene	9.966	91	249559	10.201	ppbv	100
61) Styrene	9.875	104	104520	9.880	ppbv	99
62) Isopropylbenzene	10.542	105	369582	10.055	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	163278	10.662	ppbv	98
64) n-propylbenzene	10.992	120	95547	10.281	ppbv	98
65) tert-Butylbenzene	11.536	119	332294	10.020	ppbv	97
66) Benzyl Chloride	11.620	91	24851	8.507	ppbv	99
67) sec-Butylbenzene	11.772	105	480545	10.472	ppbv	100
69) p-Isopropyltoluene	11.930	119	398238	10.530	ppbv	100
70) n-Butylbenzene	12.286	91	398457	10.905	ppbv	99
71) 2-Chlorotoluene	10.904	91	278779	9.936	ppbv	99
72) 4-Ethyltoluene	11.128	105	307317	10.642	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	263169	10.984	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	286070	11.104	ppbv	90
75) 1,3-Dichlorobenzene	11.610	146	169639	10.327	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	167846	10.344	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	161258	10.203	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	94266	8.044	ppbv	99
79) Naphthalene	13.516	128	200671	11.178	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	85944	15.478	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	92768	9.457	ppbv	99

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

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