

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036764.D
 Acq On : 02 Aug 2024 16:15
 Operator : SY/MD
 Sample : VSTD01046
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010246

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2024
 Supervised By :Mahesh Dadoda 08/05/2024

Quant Time: Aug 02 23:22:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	463103	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	432060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	206429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37958	11.013	ug/L	0.00
7) Chloroethane-d5	1.532	69	29303	10.755	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	15518	10.180	ug/L	0.00
21) 2-Butanone-d5	3.812	46	39212m	24.803	ug/L	0.02
24) Chloroform-d	4.249	84	65392	10.252	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	42577	10.349	ug/L	0.00
32) Benzene-d6	4.957	84	131793	10.553	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	42202	10.502	ug/L	0.00
41) Toluene-d8	7.243	98	117642	10.381	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	20779	10.004	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	22281	20.407	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.153	84	47447	10.488	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	42980	10.993	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	36820	10.925	ug/L	99
3) Chloromethane	1.221	50	38187	10.320	ug/L	99
5) Vinyl chloride	1.282	62	37897	9.843	ug/L	100
6) Bromomethane	1.487	94	24187	9.707	ug/L	100
8) Chloroethane	1.548	64	23548	9.713	ug/L	97
9) Trichlorofluoromethane	1.712	101	50060	9.922	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28596	9.531	ug/L	97
12) 1,1-Dichloroethene	2.069	96	27126	9.454	ug/L	92
13) Acetone	2.118	43	31216	19.632	ug/L	99
14) Carbon disulfide	2.240	76	87962	9.726	ug/L	98
15) Methyl Acetate	2.375	43	31865	9.829	ug/L	99
16) Methylene chloride	2.446	84	31970	9.849	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	28840	9.663	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	100673	9.626	ug/L	98
19) 1,1-Dichloroethane	3.108	63	57834	9.601	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	34273	9.701	ug/L	97
22) 2-Butanone	3.896	43	40481m	20.259	ug/L	
23) Bromochloromethane	4.146	128	15612	9.151	ug/L	95
25) Chloroform	4.275	83	60754	9.704	ug/L	99
27) 1,2-Dichloroethane	5.044	62	46635	9.612	ug/L	98
29) Cyclohexane	4.574	56	51839	9.575	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	51701	9.650	ug/L	98
31) Carbon tetrachloride	4.728	117	42749	9.491	ug/L	98
33) Benzene	5.008	78	124398	9.765	ug/L	100
34) Trichloroethene	5.834	95	35595	9.638	ug/L	99
35) Methylcyclohexane	6.043	83	53429	9.544	ug/L	99
37) 1,2-Dichloropropane	6.098	63	31856	9.497	ug/L	100
38) Bromodichloromethane	6.436	83	44307	9.523	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	54792	9.398	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	80225	19.780	ug/L	99
42) Toluene	7.317	91	129242	9.587	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	49729	9.201	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	31823	9.887	ug/L	98
46) Tetrachloroethene	7.905	164	23322	9.715	ug/L	98
48) 2-Hexanone	8.085	43	54437	17.821	ug/L	97
49) Dibromochloromethane	8.175	129	31065	9.203	ug/L	98
50) 1,2-Dibromoethane	8.285	107	32398	9.521	ug/L	97
51) Chlorobenzene	8.815	112	82299	9.427	ug/L	99
52) Ethylbenzene	8.947	91	146454	9.421	ug/L	97
53) m,p-Xylene	9.072	106	56209	9.866	ug/L	99
54) o-Xylene	9.477	106	53488	9.434	ug/L	96
55) Styrene	9.497	104	88980	9.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	42299	9.779	ug/L	99
59) Bromoform	9.664	173	21466	9.599	ug/L	96
60) Isopropylbenzene	9.866	105	144776	9.871	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	35508	9.961	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	119693	9.742	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	120600	9.874	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	62328	9.780	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	65539	10.089	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	62168	9.996	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9846	9.653	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	42956	9.651	ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	41052	9.657	ug/L	99
71) Naphthalene	13.439	128	133238	10.015	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	41952	10.152	ug/L	98

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

