

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080224\
 Data File : VW036758.D
 Acq On : 02 Aug 2024 09:56
 Operator : SY/MD
 Sample : VSTD01041
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010241

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 23:50:24 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	359017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	165356	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25062	9.379	ug/L	0.00
7) Chloroethane-d5	1.532	69	19262	9.120	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	10937	9.255	ug/L	0.00
21) 2-Butanone-d5	3.818	46	26214m	21.389	ug/L	0.02
24) Chloroform-d	4.249	84	46421	9.388	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	30581	9.589	ug/L	0.00
32) Benzene-d6	4.960	84	92430	9.579	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	32076	10.332	ug/L	0.00
41) Toluene-d8	7.243	98	82047	9.371	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	15016	9.357	ug/L	0.00
47) 2-Hexanone-d5	8.043	63	14874m	17.633	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	32530	9.307	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	29729	9.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	25535	9.773	ug/L	99
3) Chloromethane	1.217	50	29723	10.361	ug/L	99
5) Vinyl chloride	1.282	62	30848	10.335	ug/L	99
6) Bromomethane	1.487	94	20716	10.725	ug/L	97
8) Chloroethane	1.548	64	19870	10.572	ug/L	100
9) Trichlorofluoromethane	1.712	101	39782	10.171	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24058	10.343	ug/L	99
12) 1,1-Dichloroethene	2.069	96	22817	10.258	ug/L	99
13) Acetone	2.114	43	24154	19.595	ug/L	95
14) Carbon disulfide	2.240	76	73070	10.421	ug/L	98
15) Methyl Acetate	2.375	43	26681	10.616	ug/L	97
16) Methylene chloride	2.442	84	27378	10.880	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	23601	10.200	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	86691	10.692	ug/L	98
19) 1,1-Dichloroethane	3.105	63	49107	10.515	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	29114	10.630	ug/L	92
22) 2-Butanone	3.896	43	29738	19.198	ug/L	96
23) Bromochloromethane	4.146	128	14231	10.760	ug/L	97
25) Chloroform	4.275	83	52418	10.800	ug/L	97
27) 1,2-Dichloroethane	5.043	62	39024	10.375	ug/L	99
29) Cyclohexane	4.574	56	43653	10.436	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	44097	10.653	ug/L	100
31) Carbon tetrachloride	4.728	117	36615	10.522	ug/L	99
33) Benzene	5.008	78	105284	10.697	ug/L	100
34) Trichloroethene	5.834	95	30513	10.693	ug/L	98
35) Methylcyclohexane	6.043	83	45180	10.446	ug/L	99
37) 1,2-Dichloropropane	6.095	63	26468	10.213	ug/L	99
38) Bromodichloromethane	6.436	83	37940	10.554	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	45462	10.092	ug/L	94
40) 4-Methyl-2-pentanone	7.165	43	64110	20.459	ug/L	98
42) Toluene	7.317	91	108002	10.369	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	43393	10.392	ug/L	98

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45) 1,1,2-Trichloroethane	7.770	97	26514	10.662	ug/L	97
46) Tetrachloroethene	7.902	164	19089	10.292	ug/L	98
48) 2-Hexanone	8.085	43	47657	20.193	ug/L	94
49) Dibromochloromethane	8.178	129	27283	10.461	ug/L	97
50) 1,2-Dibromoethane	8.284	107	27544	10.477	ug/L	99
51) Chlorobenzene	8.812	112	71571	10.611	ug/L	99
52) Ethylbenzene	8.947	91	125696	10.466	ug/L	100
53) m,p-Xylene	9.072	106	44610	10.135	ug/L	99
54) o-Xylene	9.477	106	46425	10.599	ug/L	99
55) Styrene	9.497	104	75719	10.101	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	34248	10.248	ug/L	98
59) Bromoform	9.664	173	18327	10.231	ug/L	97
60) Isopropylbenzene	9.863	105	123477	10.510	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	30361	10.633	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	102866	10.452	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	101432	10.367	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	53454	10.471	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	55274	10.622	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	53058	10.650	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	8058	9.862	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	35970	10.089	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	35200	10.338	ug/L	99
71) Naphthalene	13.439	128	111015	10.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	34097	10.300	ug/L	99

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

