

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034823.D
 Acq On : 26 Mar 2024 12:15
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005235

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/27/2024
 Supervised By :Semsettin Yesilyurt 03/27/2024

Quant Time: Mar 27 01:06:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	396972	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	375443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	180117	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20892	5.971	ug/L	0.00
7) Chloroethane-d5	1.532	69	18814	6.613	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	9148	5.813	ug/L	0.00
21) 2-Butanone-d5	3.825	46	22097m	9.622	ug/L	0.04
24) Chloroform-d	4.252	84	34034	5.522	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	22478	5.650	ug/L	0.01
32) Benzene-d6	4.963	84	67142	5.804	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	20515m	5.727	ug/L	0.00
41) Toluene-d8	7.246	98	58867	5.622	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	8945	5.023	ug/L	0.01
47) 2-Hexanone-d5	8.040	63	13243m	7.893	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	28136	5.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	22416	5.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14303	3.678	ug/L	100
3) Chloromethane	1.217	50	19014	4.734	ug/L	97
5) Vinyl chloride	1.285	62	19641	4.976	ug/L	94
6) Bromomethane	1.490	94	13894	5.405	ug/L	95
8) Chloroethane	1.548	64	13655	5.652	ug/L	94
9) Trichlorofluoromethane	1.716	101	25032	4.343	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15002	4.714	ug/L	98
12) 1,1-Dichloroethene	2.072	96	14659	4.932	ug/L	92
13) Acetone	2.124	43	22847	8.723	ug/L	100
14) Carbon disulfide	2.243	76	42806	5.203	ug/L	98
15) Methyl Acetate	2.384	43	17018	4.891	ug/L	98
16) Methylene chloride	2.449	84	16714	5.285	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	14195	4.933	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	47641	4.618	ug/L	99
19) 1,1-Dichloroethane	3.114	63	28819	5.079	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	15592	4.964	ug/L	96
22) 2-Butanone	3.908	43	24559m	9.233	ug/L	
23) Bromochloromethane	4.156	128	8090	5.011	ug/L	96
25) Chloroform	4.281	83	27915	4.774	ug/L	99
27) 1,2-Dichloroethane	5.050	62	21833	4.622	ug/L	98
29) Cyclohexane	4.580	56	21385	4.389	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	23514	4.463	ug/L	98
31) Carbon tetrachloride	4.735	117	19833	4.280	ug/L	99
33) Benzene	5.018	78	59236	5.036	ug/L	100
34) Trichloroethene	5.841	95	16278	4.918	ug/L	96
35) Methylcyclohexane	6.050	83	22143	4.416	ug/L	99
37) 1,2-Dichloropropane	6.098	63	15589	4.990	ug/L #	96
38) Bromodichloromethane	6.436	83	20923	4.866	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	23059	4.603	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	38064	8.515	ug/L	98
42) Toluene	7.320	91	59933	4.818	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	19442	4.049	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	15142	5.059	ug/L	97
46) Tetrachloroethene	7.905	164	10956	4.516	ug/L	97
48) 2-Hexanone	8.085	43	36251m	10.182	ug/L	
49) Dibromochloromethane	8.178	129	14533	4.658	ug/L	100
50) 1,2-Dibromoethane	8.288	107	16238	5.106	ug/L	98
51) Chlorobenzene	8.815	112	39756	4.934	ug/L	98
52) Ethylbenzene	8.950	91	63660	4.585	ug/L	96
53) m,p-Xylene	9.079	106	22922	4.352	ug/L	93
54) o-Xylene	9.481	106	21962	4.251	ug/L	92
55) Styrene	9.500	104	35520	4.067	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.178	83	23822	5.188	ug/L	98
59) Bromoform	9.667	173	8982	4.479	ug/L #	97
60) Isopropylbenzene	9.866	105	58271	4.556	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	20115	5.682	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	36055	3.506	ug/L	94
63) 1,2,4-Trimethylbenzene	10.853	105	44545	4.188	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	30190	5.102	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	31010	5.139	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	29954	5.047	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	5083	4.905	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	20299	4.608	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	18895	4.760	ug/L	96
71) Naphthalene	13.442	128	55794	5.318	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	18900	4.888	ug/L	98

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

