

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034405.D
 Acq On : 26 Feb 2024 12:23
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

Quant Time: Feb 27 04:31:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:30:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	153134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	3487	0.314	ug/L	0.00
7) Chloroethane-d5	1.535	69	3196	0.329	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	1716	0.320	ug/L	0.00
20) 2-Butanone-d5	3.886	46	7409m	3.642	ug/L	0.06
24) Chloroform-d	4.262	84	6899	0.338	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	3304	0.340	ug/L	0.02
32) Benzene-d6	4.973	84	12557	0.319	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	3495	0.315	ug/L	0.00
41) Toluene-d8	7.252	98	10486	0.292	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	950	0.227	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	6325m	3.823	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.165	84	3153	0.446	ug/L	0.01
66) 1,2-Dichlorobenzene-d4	11.564	152	4298	0.346	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	5125	0.391	ug/L	98
3) Chloromethane	1.217	50	6452	0.443	ug/L	97
5) Vinyl chloride	1.285	62	5910	0.425	ug/L #	69
6) Bromomethane	1.490	94	3410	0.453	ug/L	94
8) Chloroethane	1.552	64	4764	0.495	ug/L	95
9) Trichlorofluoromethane	1.716	101	9525	0.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5065	0.472	ug/L	99
12) 1,1-Dichloroethene	2.069	96	4756	0.457	ug/L	89
13) Acetone	2.150	43	15445m	9.483	ug/L	
14) Carbon disulfide	2.243	76	12910	0.396	ug/L	99
15) Methyl Acetate	2.397	43	2383m	0.639	ug/L	
16) Methylene chloride	2.449	84	6328	0.616	ug/L	91
17) Methyl tert-butyl Ether	2.706	73	12059	0.536	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	4889	0.460	ug/L	89
19) 1,1-Dichloroethane	3.117	63	9334	0.476	ug/L	98
21) 2-Butanone	3.957	43	11658m	5.469	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	5565	0.462	ug/L	82
23) Bromochloromethane	4.172	128	2129m	0.490	ug/L	
25) Chloroform	4.281	83	9808	0.491	ug/L	94
27) 1,2-Dichloroethane	5.059	62	5402	0.465	ug/L #	76
29) 1,1,1-Trichloroethane	4.510	97	8996	0.488	ug/L	96
30) Cyclohexane	4.584	56	7598	0.434	ug/L	99
31) Carbon tetrachloride	4.738	117	7782	0.484	ug/L	96
33) Benzene	5.018	78	20337	0.494	ug/L	100
34) Trichloroethene	5.844	95	4715	0.398	ug/L	93
35) Methylcyclohexane	6.047	83	8361	0.455	ug/L	98
37) 1,2-Dichloropropane	6.098	63	4700	0.472	ug/L #	92
38) Bromodichloromethane	6.439	83	6427	0.487	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	5310	0.353	ug/L	87
40) 4-Methyl-2-pentanone	7.169	43	26016	5.084	ug/L	98
42) Toluene	7.323	91	20524	0.466	ug/L	99
44) trans-1,3-Dichloropropene	7.599	75	4468	0.386	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	2999	0.469	ug/L	92
47) Tetrachloroethene	7.908	164	3787	0.394	ug/L	88
48) 2-Hexanone	8.091	43	18343	5.082	ug/L	96
49) Dibromochloromethane	8.178	129	3506	0.470	ug/L	91
50) 1,2-Dibromoethane	8.288	107	2840	0.496	ug/L #	99
51) Chlorobenzene	8.818	112	13475	0.482	ug/L	92
52) Ethylbenzene	8.950	91	22026	0.437	ug/L	99
53) m,p-Xylene	9.079	106	8346	0.439	ug/L	99
54) o-Xylene	9.480	106	8401	0.455	ug/L	94
55) Styrene	9.503	104	12527	0.424	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	3957	0.581	ug/L #	89
59) Bromoform	9.670	173	1599	0.415	ug/L #	96
60) Isopropylbenzene	9.870	105	21278	0.421	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	2762	0.549	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	18578	0.432	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	18819	0.448	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	10309	0.458	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	10400	0.466	ug/L	94
67) 1,2-Dichlorobenzene	11.583	146	10104	0.517	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	625	0.573	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.583	180	8153	0.472	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	6569	0.472	ug/L	98
71) Naphthalene	13.445	128	10624	0.545	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5916	0.524	ug/L	97

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

