

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032675.D
 Acq On : 27 Oct 2023 11:20
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005206

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/30/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 27 23:38:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	146632	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	169011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63392	5.276	ug/L	0.00
7) Chloroethane-d5	1.532	69	53237	5.419	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	26544	5.226	ug/L	0.00
20) 2-Butanone-d5	3.831	46	131598m	44.732	ug/L	0.00
24) Chloroform-d	4.249	84	109002	5.182	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	50746	5.104	ug/L	0.00
32) Benzene-d6	4.960	84	209838	4.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	60880	3.891	ug/L	0.00
41) Toluene-d8	7.243	98	219882	4.938	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	25158	4.500	ug/L	0.00
46) 2-Hexanone-d5	8.031	63	106759	41.344	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	50857	4.548	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	72537	4.541	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	78767	4.855	ug/L	100
3) Chloromethane	1.214	50	90142	5.339	ug/L	100
5) Vinyl chloride	1.282	62	89409	5.514	ug/L	100
6) Bromomethane	1.487	94	50550	5.232	ug/L	100
8) Chloroethane	1.548	64	56883	5.750	ug/L	100
9) Trichlorofluoromethane	1.712	101	121804	6.100	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	70966	5.903	ug/L	100
12) 1,1-Dichloroethene	2.066	96	67060	5.918	ug/L	100
13) Acetone	2.156	43	124309m	52.993	ug/L	
14) Carbon disulfide	2.237	76	213630	5.511	ug/L	100
15) Methyl Acetate	2.394	43	23481	4.573	ug/L	100
16) Methylene chloride	2.446	84	80063	5.464	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	143897	4.918	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	67185	5.336	ug/L	100
19) 1,1-Dichloroethane	3.111	63	118177	5.064	ug/L	100
21) 2-Butanone	3.905	43	170199	47.225	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	68027	5.100	ug/L	100
23) Bromochloromethane	4.150	128	32105	5.591	ug/L	100
25) Chloroform	4.275	83	129816	5.532	ug/L	100
27) 1,2-Dichloroethane	5.043	62	79697	5.687	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	107198	4.736	ug/L	100
30) Cyclohexane	4.580	56	91620	3.843	ug/L	100
31) Carbon tetrachloride	4.735	117	94913	4.905	ug/L	100
33) Benzene	5.008	78	273933	4.695	ug/L	100
34) Trichloroethene	5.834	95	71413	4.524	ug/L	100
35) Methylcyclohexane	6.050	83	109686	4.473	ug/L	100
37) 1,2-Dichloropropane	6.095	63	62155	4.063	ug/L	100
38) Bromodichloromethane	6.436	83	88520	4.757	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	100602	4.515	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	431245	44.271	ug/L	100
42) Toluene	7.317	91	328230	5.146	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	87398	4.748	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	53260	4.789	ug/L	100
47) Tetrachloroethene	7.905	164	63981	5.140	ug/L	100
48) 2-Hexanone	8.079	43	309957	45.325	ug/L	100
49) Dibromochloromethane	8.178	129	64050	5.377	ug/L	100
50) 1,2-Dibromoethane	8.285	107	50551	4.806	ug/L	100
51) Chlorobenzene	8.815	112	205248	5.022	ug/L	100
52) Ethylbenzene	8.947	91	335723	4.800	ug/L	100
53) m,p-Xylene	9.075	106	128280	4.935	ug/L	100
54) o-Xylene	9.481	106	125359	4.977	ug/L	100
55) Styrene	9.497	104	215244	5.084	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	63327	5.119	ug/L	100
59) Bromoform	9.667	173	34917	5.312	ug/L	100
60) Isopropylbenzene	9.870	105	311035	4.605	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	45545	4.839	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	250479	4.554	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	253914	4.635	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	163933	4.974	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	161364	4.893	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	147596	4.920	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	9788	5.044	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	112939	4.730	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	93340	4.448	ug/L	100
71) Naphthalene	13.442	128	137925	3.929	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	83600	4.601	ug/L	100

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

