

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082423\
 Data File : VW031880.D
 Acq On : 23 Aug 2023 20:24
 Operator : SY/MD
 Sample : VSTD00574
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005274

Quant Time: Aug 24 04:25:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/24/2023
 Supervised By :Mahesh Dadoda 08/24/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	122735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	114777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	60587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	19797	4.776	ug/L	0.00
7) Chloroethane-d5	1.535	69	24106	5.076	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	11774	4.826	ug/L	0.00
20) 2-Butanone-d5	3.818	46	100835m	49.771	ug/L	0.00
24) Chloroform-d	4.256	84	70108	4.997	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	35921	4.969	ug/L	0.00
32) Benzene-d6	4.966	84	132722	5.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	44621	4.845	ug/L	0.00
41) Toluene-d8	7.246	98	122334	5.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	16246	4.837	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	94998	53.054	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33618	5.088	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	48496	4.943	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	33884	4.834	ug/L	100
3) Chloromethane	1.217	50	35041	4.666	ug/L	100
5) Vinyl chloride	1.285	62	37626	4.888	ug/L	100
6) Bromomethane	1.490	94	22514	4.680	ug/L	100
8) Chloroethane	1.555	64	23506	4.781	ug/L	100
9) Trichlorofluoromethane	1.719	101	48512	4.886	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	27547	4.652	ug/L	100
12) 1,1-Dichloroethene	2.072	96	26967	4.881	ug/L	100
13) Acetone	2.143	43	44929m	35.332	ug/L	
14) Carbon disulfide	2.246	76	73818	4.750	ug/L	100
15) Methyl Acetate	2.387	43	11002	4.566	ug/L	100
16) Methylene chloride	2.452	84	37070	4.126	ug/L	100
17) Methyl tert-butyl Ether	2.709	73	83405	4.865	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	29023	4.634	ug/L	100
19) 1,1-Dichloroethane	3.117	63	62234	4.825	ug/L	100
21) 2-Butanone	3.902	43	77688m	47.082	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	35447	4.913	ug/L	100
23) Bromochloromethane	4.153	128	14751	5.153	ug/L	100
25) Chloroform	4.281	83	63300	4.814	ug/L	100
27) 1,2-Dichloroethane	5.050	62	37740	4.800	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	54112	4.881	ug/L	100
30) Cyclohexane	4.587	56	53142	4.664	ug/L	100
31) Carbon tetrachloride	4.741	117	43267	4.825	ug/L	100
33) Benzene	5.014	78	132431	5.009	ug/L	100
34) Trichloroethene	5.841	95	37121	4.804	ug/L	100
35) Methylcyclohexane	6.053	83	53195	4.729	ug/L	100
37) 1,2-Dichloropropane	6.098	63	34520	4.739	ug/L	100
38) Bromodichloromethane	6.439	83	46262	4.907	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	56437	5.093	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	235077	51.488	ug/L	100
42) Toluene	7.320	91	142312	4.845	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	45506	4.919	ug/L	100

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Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/24/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	25961	4.979	ug/L	100
47) Tetrachloroethene	7.911	164	23569	4.775	ug/L	100
48) 2-Hexanone	8.082	43	171662	50.573	ug/L	100
49) Dibromochloromethane	8.181	129	27245	5.014	ug/L	100
50) 1,2-Dibromoethane	8.288	107	23611	5.007	ug/L	100
51) Chlorobenzene	8.818	112	90826	4.883	ug/L	100
52) Ethylbenzene	8.950	91	164211	4.863	ug/L	100
53) m,p-Xylene	9.079	106	62037	4.878	ug/L	100
54) o-Xylene	9.480	106	60405	4.915	ug/L	100
55) Styrene	9.500	104	105648	4.983	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	25898	4.906	ug/L	100
59) Bromoform	9.670	173	14595	5.098	ug/L	100
60) Isopropylbenzene	9.870	105	161700	4.801	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	22433	5.027	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	141280	4.894	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	138621	4.887	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	73213	4.909	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	73908	4.824	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	66650	4.883	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	5371	5.314	ug/L	100
69) 1,3,5-Trichlorobenzene	12.586	180	53129	4.792	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	47098	4.660	ug/L	100
71) Naphthalene	13.445	128	85254	4.478	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	40493	4.758	ug/L	100

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

