

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025193.D
 Acq On : 26 Mar 2022 12:45
 Operator : SY/MD
 Sample : VSTD00527
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

Quant Time: Mar 28 01:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73259	5.753	ug/L	0.00
7) Chloroethane-d5	1.568	69	62215	6.459	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	153263	6.995	ug/L	0.00
20) 2-Butanone-d5	3.905	46	72299m	49.037	ug/L	0.00
24) Chloroform-d	4.352	84	97005	4.822	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	43933	5.141	ug/L	0.00
32) Benzene-d6	5.050	84	198415	4.711	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	54943	4.547	ug/L	0.00
41) Toluene-d8	7.317	98	187438	4.862	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	18485	4.474	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	68297	47.953	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36187	5.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	60794	4.865	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	82686	5.829	ug/L	100
3) Chloromethane	1.243	50	93437	6.639	ug/L	100
5) Vinyl chloride	1.310	62	103790	6.912	ug/L	100
6) Bromomethane	1.523	94	61634	6.503	ug/L	100
8) Chloroethane	1.587	64	65572	7.108	ug/L	100
9) Trichlorofluoromethane	1.754	101	143909	7.004	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	80912	7.217	ug/L	100
12) 1,1-Dichloroethene	2.121	96	79856	7.223	ug/L	100
13) Acetone	2.195	43	51243m	50.906	ug/L	
14) Carbon disulfide	2.294	76	173242	4.942	ug/L	100
15) Methyl Acetate	2.442	43	12172	4.489	ug/L	100
16) Methylene chloride	2.510	84	59258	4.937	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	103451	4.859	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	59878	5.061	ug/L	100
19) 1,1-Dichloroethane	3.191	63	99548	4.955	ug/L	100
21) 2-Butanone	3.989	43	78757m	50.983	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	59459	5.006	ug/L	100
23) Bromochloromethane	4.249	128	26164	5.447	ug/L	100
25) Chloroform	4.375	83	109593	5.180	ug/L	100
27) 1,2-Dichloroethane	5.133	62	56307	5.298	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	96446	5.124	ug/L	100
30) Cyclohexane	4.680	56	85381	4.752	ug/L	100
31) Carbon tetrachloride	4.828	117	83490	5.161	ug/L	100
33) Benzene	5.098	78	235271	4.943	ug/L	100
34) Trichloroethene	5.915	95	62522	4.939	ug/L	100
35) Methylcyclohexane	6.130	83	98133	4.926	ug/L	100
37) 1,2-Dichloropropane	6.172	63	53259	4.886	ug/L	100
38) Bromodichloromethane	6.510	83	67713	4.902	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	70578	4.720	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	213644	48.253	ug/L	100
42) Toluene	7.387	91	258741	5.169	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54620	4.667	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025193.D
 Acq On : 26 Mar 2022 12:45
 Operator : SY/MD
 Sample : VSTD00527
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005227

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 01:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	37290	5.088	ug/L	100
47) Tetrachloroethene	7.976	164	48281	5.302	ug/L	100
48) 2-Hexanone	8.140	43	158310	50.016	ug/L	100
49) Dibromochloromethane	8.246	129	39748	4.897	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34225	5.095	ug/L	100
51) Chlorobenzene	8.879	112	160284	5.097	ug/L	100
52) Ethylbenzene	9.011	91	269724	5.105	ug/L	100
53) m,p-Xylene	9.140	106	104197	5.124	ug/L	100
54) o-Xylene	9.542	106	101833	5.219	ug/L	100
55) Styrene	9.561	104	170670	5.358	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	38550	5.338	ug/L	100
59) Bromoform	9.731	173	16229	4.240	ug/L	100
60) Isopropylbenzene	9.931	105	269074	4.883	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	29821	4.818	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	115908	4.673	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216866	4.918	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	123415	5.098	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	121696	4.980	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	109615	5.088	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5071	4.789	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	87048	5.067	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	66255	4.981	ug/L	100
71) Naphthalene	13.500	128	100999	4.613	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56590	5.013	ug/L	100

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

