

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027630.D
 Acq On : 31 Aug 2022 21:02
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV226

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 02:16:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	143167	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	141503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	77335	4.972	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.561	69	64574	4.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.101	63	155491	5.108	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	3.960	46	127938	48.652	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.300%	
24) Chloroform-d	4.339	84	154687	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.027	65	71698	5.126	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.040	84	291090	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.063	67	85489	4.768	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.310	98	266866	5.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
43) trans-1,3-Dichloroprop...	7.619	79	27253	4.934	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.600%	
46) 2-Hexanone-d5	8.091	63	111479	53.673	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.340%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57852	5.014	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	80134	4.695	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	100503	5.153	ug/L	99
3) Chloromethane	1.240	50	94877	5.081	ug/L	98
5) Vinyl chloride	1.304	62	87178	4.902	ug/L	97
6) Bromomethane	1.516	94	40723	4.873	ug/L	97
8) Chloroethane	1.577	64	51741	5.206	ug/L	96
9) Trichlorofluoromethane	1.744	101	127244	5.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	65608	5.053	ug/L	95
12) 1,1-Dichloroethene	2.111	96	59929	5.015	ug/L	96
13) Acetone	2.278	43	74932m	42.112	ug/L	
14) Carbon disulfide	2.285	76	208163	5.513	ug/L	100
15) Methyl Acetate	2.465	43	19892	4.214	ug/L #	81
16) Methylene chloride	2.500	84	78518	5.208	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	126722	4.964	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	67404	4.976	ug/L	100
19) 1,1-Dichloroethane	3.182	63	132015	4.978	ug/L	98
21) 2-Butanone	4.031	43	121404m	50.308	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	64829	4.795	ug/L	96
23) Bromochloromethane	4.240	128	30772	5.138	ug/L	95
25) Chloroform	4.365	83	139686	5.017	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	77299	5.085	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	121569	4.969	ug/L	99
30) Cyclohexane	4.664	56	98360	4.765	ug/L	99
31) Carbon tetrachloride	4.818	117	105621	5.045	ug/L	99
33) Benzene	5.092	78	285831	5.179	ug/L	100
34) Trichloroethene	5.908	95	67496	4.975	ug/L	97
35) Methylcyclohexane	6.124	83	101325	4.813	ug/L	98
37) 1,2-Dichloropropane	6.166	63	70610	5.067	ug/L #	96
38) Bromodichloromethane	6.503	83	88280	5.009	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	82817	4.868	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	331471	53.515	ug/L	96
42) Toluene	7.381	91	296478	5.380	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	70910	5.114	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	44361	4.935	ug/L	95
47) Tetrachloroethene	7.969	164	53858	4.896	ug/L	96
48) 2-Hexanone	8.140	43	259091	55.739	ug/L	99
49) Dibromochloromethane	8.239	129	52789	4.956	ug/L	100
50) 1,2-Dibromoethane	8.349	107	40235	4.997	ug/L	100
51) Chlorobenzene	8.876	112	176580	5.082	ug/L	99
52) Ethylbenzene	9.008	91	282543	5.060	ug/L	99
53) m,p-Xylene	9.133	106	113902	5.306	ug/L	97
54) o-Xylene	9.538	106	105293	5.141	ug/L	96
55) Styrene	9.558	104	186460	5.330	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	51949	5.227	ug/L	98
59) Bromoform	9.728	173	26015	4.804	ug/L	99
60) Isopropylbenzene	9.927	105	280237	4.857	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37094	4.809	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	73542	4.672	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	211164	4.665	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	139197	4.999	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	136959	4.947	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	123651	4.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7256	4.723	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	97031	4.833	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67761	4.579	ug/L	96
71) Naphthalene	13.500	128	91492	3.951	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60585	4.546	ug/L	99

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

