

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028274.D
 Acq On : 03 Oct 2022 12:39
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV257

Quant Time: Oct 04 02:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	208591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	200118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	107720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75443	4.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.561	69	64745	4.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.098	63	137545	4.656	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	3.899	46	130187	49.093	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.180%	
24) Chloroform-d	4.336	84	141148	4.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.024	65	64536	4.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.040	84	291166	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.063	67	86847	5.515	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.200%	
41) Toluene-d8	7.307	98	267551	5.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
43) trans-1,3-Dichloroprop...	7.619	79	32059	5.345	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.000%	
46) 2-Hexanone-d5	8.085	63	136128	55.451	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.900%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	60393	5.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	90582	4.886	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	81639	4.866	ug/L	93
3) Chloromethane	1.237	50	74674	4.697	ug/L	98
5) Vinyl chloride	1.304	62	89661	5.008	ug/L	98
6) Bromomethane	1.516	94	48394	5.691	ug/L	97
8) Chloroethane	1.577	64	56665	4.749	ug/L	90
9) Trichlorofluoromethane	1.745	101	129185	4.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72246	4.801	ug/L	97
12) 1,1-Dichloroethene	2.108	96	73116	4.887	ug/L	77
13) Acetone	2.201	43	84688	48.634	ug/L	85
14) Carbon disulfide	2.285	76	227286	4.876	ug/L	99
15) Methyl Acetate	2.439	43	16793	3.543	ug/L #	76
16) Methylene chloride	2.497	84	91082	5.408	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	154984	5.045	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	78495	5.037	ug/L	93
19) 1,1-Dichloroethane	3.179	63	136912	5.158	ug/L	99
21) 2-Butanone	3.982	43	133632	50.551	ug/L	91
22) cis-1,2-Dichloroethene	3.899	96	81610	5.200	ug/L	100
23) Bromochloromethane	4.236	128	35006	5.036	ug/L #	84
25) Chloroform	4.362	83	147109	5.054	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	81568	5.230	ug/L #	95
29) 1,1,1-Trichloroethane	4.597	97	129824	5.259	ug/L	98
30) Cyclohexane	4.664	56	117777	5.538	ug/L	91
31) Carbon tetrachloride	4.815	117	116269	5.251	ug/L	98
33) Benzene	5.088	78	325717	5.467	ug/L	100
34) Trichloroethene	5.905	95	82371	5.522	ug/L	97
35) Methylcyclohexane	6.124	83	136026	5.586	ug/L	94
37) 1,2-Dichloropropane	6.166	63	75502	5.472	ug/L	98
38) Bromodichloromethane	6.503	83	102595	5.392	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	109690	5.570	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	344939	54.416	ug/L	94
42) Toluene	7.381	91	346526	5.528	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	88940	5.316	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	55344	5.408	ug/L	98
47) Tetrachloroethene	7.969	164	68800	5.278	ug/L	96
48) 2-Hexanone	8.137	43	259253	58.394	ug/L #	92
49) Dibromochloromethane	8.239	129	68591	5.296	ug/L	99
50) 1,2-Dibromoethane	8.346	107	50697	5.505	ug/L	96
51) Chlorobenzene	8.876	112	219769	5.272	ug/L	100
52) Ethylbenzene	9.008	91	360437	5.471	ug/L	98
53) m,p-Xylene	9.133	106	142522	5.427	ug/L	99
54) o-Xylene	9.538	106	138066	5.559	ug/L	99
55) Styrene	9.555	104	238097	5.578	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	61502	5.297	ug/L	99
59) Bromoform	9.728	173	36076	5.085	ug/L	99
60) Isopropylbenzene	9.928	105	355474	5.393	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	43696	5.257	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	98631	5.266	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	289712	5.458	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	177164	5.471	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	176192	5.434	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	156457	5.328	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	9652	5.098	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	139482	5.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	101306	5.190	ug/L	98
71) Naphthalene	13.497	128	162384	5.327	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	95658	5.437	ug/L	99

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

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