

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025033.D
 Acq On : 16 Mar 2022 05:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005332

Quant Time: Mar 16 06:51:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59947	4.754	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.571	69	45449	4.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.111	63	100177	4.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	3.896	46	96651	63.420	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.840%	
24) Chloroform-d	4.352	84	105607	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.034	65	44250	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.050	84	217722	5.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.069	67	63013	5.088	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.317	98	200026	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.622	79	20616	4.776	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.088	63	80659	54.777	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39041	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61431	5.079	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	65097	4.613	ug/L	98
3) Chloromethane	1.243	50	65233	4.901	ug/L	99
5) Vinyl chloride	1.314	62	69778	4.969	ug/L	99
6) Bromomethane	1.523	94	44389	4.891	ug/L	98
8) Chloroethane	1.587	64	42073	4.941	ug/L	100
9) Trichlorofluoromethane	1.754	101	92580	4.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	50093	4.837	ug/L	97
12) 1,1-Dichloroethene	2.121	96	50688	4.982	ug/L	97
13) Acetone	2.188	43	60324	59.186	ug/L	81
14) Carbon disulfide	2.298	76	174492	4.793	ug/L	100
15) Methyl Acetate	2.442	43	17491	6.264	ug/L	90
16) Methylene chloride	2.510	84	62714	5.086	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	111727	5.041	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	60141	4.911	ug/L	98
19) 1,1-Dichloroethane	3.191	63	107038	5.136	ug/L	99
21) 2-Butanone	3.982	43	97397	60.545	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	63379	5.127	ug/L	94
23) Bromochloromethane	4.249	128	24997	5.128	ug/L	97
25) Chloroform	4.378	83	111175	5.123	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	54483	5.050	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	95546	5.047	ug/L	99
30) Cyclohexane	4.677	56	87366	4.743	ug/L	99
31) Carbon tetrachloride	4.828	117	80579	4.961	ug/L	99
33) Benzene	5.101	78	243959	5.052	ug/L	100
34) Trichloroethene	5.915	95	64247	4.997	ug/L	98
35) Methylcyclohexane	6.130	83	92433	4.542	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59405	5.354	ug/L	100
38) Bromodichloromethane	6.510	83	70886	5.052	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	76126	4.941	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	242347	53.078	ug/L	98
42) Toluene	7.387	91	261879	5.182	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	58496	4.825	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	38621	5.211	ug/L	98
47) Tetrachloroethene	7.976	164	44367	4.905	ug/L	99
48) 2-Hexanone	8.140	43	169626	52.402	ug/L	97
49) Dibromochloromethane	8.246	129	42922	5.174	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35088	5.173	ug/L	98
51) Chlorobenzene	8.879	112	160908	5.085	ug/L	98
52) Ethylbenzene	9.011	91	273377	5.114	ug/L	99
53) m,p-xylene	9.136	106	105574	5.128	ug/L	99
54) o-xylene	9.542	106	101791	5.171	ug/L	93
55) Styrene	9.561	104	172937	5.394	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	39303	5.409	ug/L	98
59) Bromoform	9.731	173	18365	4.772	ug/L	97
60) Isopropylbenzene	9.931	105	274459	5.094	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30663	5.103	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	121021	4.950	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	223125	5.153	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	119103	5.096	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	117156	4.972	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	105725	5.105	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5093	4.944	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	82470	4.995	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64930	5.048	ug/L	99
71) Naphthalene	13.500	128	108919	5.099	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	57147	5.243	ug/L	100

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

