

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070622\
 Data File : VW026667.D
 Acq On : 06 Jul 2022 16:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: Jul 07 01:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	204470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	105728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	70134	4.265	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.581	69	58838	4.454	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.121	63	127897	4.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	3.921	46	85852	52.514	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.020%	
24) Chloroform-d	4.355	84	123219	4.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.040	65	47591	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.053	84	235576	4.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.072	67	66712	4.303	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.313	98	221591	4.370	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.625	79	20063	5.006	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.092	63	67171	44.001	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47873	4.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	70157	4.010	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	67527	4.337	ug/L	100
3) Chloromethane	1.256	50	71934	4.225	ug/L	100
5) Vinyl chloride	1.323	62	81679	4.505	ug/L	98
6) Bromomethane	1.536	94	44005	4.484	ug/L	95
8) Chloroethane	1.597	64	55535	4.504	ug/L	97
9) Trichlorofluoromethane	1.764	101	123351	4.879	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	75968	5.071	ug/L	99
12) 1,1-Dichloroethene	2.130	96	65838	4.767	ug/L	92
13) Acetone	2.211	43	74640	71.967	ug/L	90
14) Carbon disulfide	2.304	76	157777	4.330	ug/L	98
15) Methyl Acetate	2.458	43	17313	5.789	ug/L	98
16) Methylene chloride	2.519	84	96454	6.579	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	110369	4.903	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	65548	4.652	ug/L	95
19) 1,1-Dichloroethane	3.201	63	123524	4.882	ug/L	99
21) 2-Butanone	4.002	43	89147	57.137	ug/L	91
22) cis-1,2-Dichloroethene	3.921	96	67435	4.820	ug/L	94
23) Bromochloromethane	4.259	128	31211	5.417	ug/L	91
25) Chloroform	4.381	83	135709	5.014	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	62665	5.202	ug/L	95
29) 1,1,1-Trichloroethane	4.616	97	116708	4.831	ug/L	99
30) Cyclohexane	4.683	56	75381	3.941	ug/L	98
31) Carbon tetrachloride	4.834	117	101494	5.009	ug/L	100
33) Benzene	5.105	78	271686	4.740	ug/L	100
34) Trichloroethene	5.918	95	67707	4.493	ug/L	97
35) Methylcyclohexane	6.133	83	90530	4.061	ug/L	98
37) 1,2-Dichloropropane	6.175	63	67780	4.906	ug/L	100
38) Bromodichloromethane	6.510	83	83608	5.127	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	71728	5.166	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	249610	53.492	ug/L	98
42) Toluene	7.387	91	293918	4.967	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	58622	5.676	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46498	5.338	ug/L	99
47) Tetrachloroethene	7.973	164	58360	4.865	ug/L	97
48) 2-Hexanone	8.140	43	184800	56.893	ug/L	99
49) Dibromochloromethane	8.246	129	51620	5.852	ug/L	100
50) 1,2-Dibromoethane	8.352	107	39726	5.129	ug/L	98
51) Chlorobenzene	8.879	112	186839	4.820	ug/L	97
52) Ethylbenzene	9.011	91	277485	4.534	ug/L	99
53) m,p-Xylene	9.137	106	113660	4.761	ug/L	96
54) o-Xylene	9.542	106	104367	4.658	ug/L	97
55) Styrene	9.558	104	187851	5.061	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	53010	5.449	ug/L	100
59) Bromoform	9.728	173	22388	5.746	ug/L #	96
60) Isopropylbenzene	9.931	105	283665	4.350	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	35370	5.167	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	210286	4.080	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	216279	4.255	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	149394	4.710	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	145876	4.632	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	130732	4.844	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6011	4.895	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	102422	4.491	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	72668	4.513	ug/L	99
71) Naphthalene	13.500	128	91325	4.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61418	4.660	ug/L	100

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

Page: 3