

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025247.D
 Acq On : 27 Mar 2022 10:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Mar 28 03:51:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159563	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	66039	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.571	69	59975	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.114	63	141682	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.896	46	77351	52.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	4.352	84	101310	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.037	65	44227	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	201099	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	55873	5.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.314	98	191288	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.622	79	17333	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.088	63	65146	50.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37958	5.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62074	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	80267	5.036	ug/L	99
3) Chloromethane	1.243	50	82238	4.375	ug/L	99
5) Vinyl chloride	1.314	62	93584	4.457	ug/L	95
6) Bromomethane	1.526	94	53930	4.327	ug/L	97
8) Chloroethane	1.587	64	63572	4.825	ug/L	96
9) Trichlorofluoromethane	1.758	101	143450	5.054	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74957	4.446	ug/L	98
12) 1,1-Dichloroethene	2.121	96	72954	4.541	ug/L	89
13) Acetone	2.188	43	55912	49.353	ug/L	78
14) Carbon disulfide	2.298	76	167007	5.018	ug/L	99
15) Methyl Acetate	2.442	43	14907	5.780	ug/L	96
16) Methylene chloride	2.510	84	68093	5.398	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	98820	4.862	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	58841	5.103	ug/L	99
19) 1,1-Dichloroethane	3.195	63	98958	5.141	ug/L	99
21) 2-Butanone	3.979	43	80793	51.828	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	59538	5.083	ug/L	95
23) Bromochloromethane	4.253	128	25706	5.261	ug/L	95
25) Chloroform	4.378	83	107584	5.037	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	56434	5.117	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	95522	5.083	ug/L	98
30) Cyclohexane	4.680	56	80085	4.766	ug/L	96
31) Carbon tetrachloride	4.831	117	82387	5.065	ug/L	100
33) Benzene	5.101	78	233402	5.120	ug/L	100
34) Trichloroethene	5.915	95	61049	4.877	ug/L	97
35) Methylcyclohexane	6.130	83	91138	4.647	ug/L	98
37) 1,2-Dichloropropane	6.172	63	54553	5.159	ug/L	98
38) Bromodichloromethane	6.510	83	65978	4.925	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	62034	4.524	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	210665	49.897	ug/L	100
42) Toluene	7.387	91	252284	5.184	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	50276	4.664	ug/L	93
45) 1,1,2-Trichloroethane	7.838	97	37483	5.177	ug/L	98
47) Tetrachloroethene	7.976	164	50346	5.455	ug/L	98
48) 2-Hexanone	8.137	43	148703	49.245	ug/L	99
49) Dibromochloromethane	8.246	129	39367	5.053	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33550	4.974	ug/L #	96
51) Chlorobenzene	8.879	112	159938	5.089	ug/L	99
52) Ethylbenzene	9.011	91	259238	5.022	ug/L	97
53) m,p-Xylene	9.137	106	102663	5.114	ug/L	98
54) o-Xylene	9.542	106	99249	5.172	ug/L	99
55) Styrene	9.561	104	167799	5.318	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	38384	5.086	ug/L	100
59) Bromoform	9.731	173	16288	5.074	ug/L	96
60) Isopropylbenzene	9.931	105	260604	5.003	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28864	4.857	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	110838	4.746	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	205586	4.934	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	124199	5.091	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	120048	4.914	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	109110	5.083	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4643	4.364	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	85740	4.873	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	63250	4.764	ug/L	99
71) Naphthalene	13.500	128	94556	4.570	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57098	4.991	ug/L	98

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

