

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040122\
 Data File : VW025341.D
 Acq On : 01 Apr 2022 15:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Apr 02 00:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 02 00:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59029	4.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.568	69	49613	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.111	63	131868	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.912	46	60112	45.776	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.560%
24) Chloroform-d	4.352	84	81271	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.037	65	35150	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.050	84	157993	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.069	67	44297	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	146596	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	14669	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.092	63	52601	46.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31297	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	47947	4.298	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	70462	4.998	ug/L	100
3) Chloromethane	1.243	50	89699	5.395	ug/L	99
5) Vinyl chloride	1.310	62	97404	5.245	ug/L	97
6) Bromomethane	1.523	94	60597	5.497	ug/L	99
8) Chloroethane	1.587	64	63926	5.485	ug/L	98
9) Trichlorofluoromethane	1.754	101	135515	5.398	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	72669	4.873	ug/L	99
12) 1,1-Dichloroethene	2.121	96	76672	5.396	ug/L	96
13) Acetone	2.204	43	54192	54.081	ug/L	98
14) Carbon disulfide	2.294	76	155158	5.271	ug/L	99
15) Methyl Acetate	2.445	43	10901	4.779	ug/L	# 77
16) Methylene chloride	2.510	84	57190	5.126	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	98966	5.505	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	55028	5.395	ug/L	96
19) 1,1-Dichloroethane	3.191	63	98509	5.786	ug/L	98
21) 2-Butanone	3.992	43	81847	59.360	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	58206	5.618	ug/L	93
23) Bromochloromethane	4.252	128	24731	5.722	ug/L	91
25) Chloroform	4.378	83	107988	5.717	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	55557	5.695	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	95945	5.843	ug/L	98
30) Cyclohexane	4.677	56	70332	4.789	ug/L	97
31) Carbon tetrachloride	4.828	117	81750	5.752	ug/L	98
33) Benzene	5.101	78	228211	5.729	ug/L	100
34) Trichloroethene	5.915	95	58703	5.367	ug/L	97
35) Methylcyclohexane	6.130	83	80916	4.721	ug/L	100
37) 1,2-Dichloropropane	6.175	63	53395	5.779	ug/L	97
38) Bromodichloromethane	6.510	83	69269	5.917	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	65507	5.467	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	221722	60.097	ug/L	98
42) Toluene	7.387	91	244871	5.758	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	52463	5.570	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	37157	5.873	ug/L	98
47) Tetrachloroethene	7.976	164	43706	5.419	ug/L	96
48) 2-Hexanone	8.140	43	156213	59.200	ug/L	99
49) Dibromochloromethane	8.243	129	40409	5.935	ug/L	99
50) 1,2-Dibromoethane	8.352	107	34301	5.819	ug/L	96
51) Chlorobenzene	8.879	112	154268	5.617	ug/L	99
52) Ethylbenzene	9.011	91	250166	5.546	ug/L	100
53) m,p-Xylene	9.136	106	98333	5.606	ug/L	98
54) o-Xylene	9.542	106	94998	5.665	ug/L	97
55) Styrene	9.558	104	161812	5.868	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	37605	5.702	ug/L	99
59) Bromoform	9.731	173	17160	6.044	ug/L #	98
60) Isopropylbenzene	9.931	105	249728	5.421	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	29136	5.544	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	103179	4.995	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	193099	5.240	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	116794	5.414	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	113807	5.268	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	102456	5.397	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5380	5.718	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	78668	5.055	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	59048	5.029	ug/L	96
71) Naphthalene	13.500	128	88103	4.815	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53218	5.260	ug/L	98

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

