

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032922\
 Data File : VW025304.D
 Acq On : 29 Mar 2022 19:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Mar 30 02:08:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 30 02:04:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148310	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71755	5.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.568	69	68394	5.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.600%
11) 1,1-Dichloroethene-d2	2.111	63	143107	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.886	46	68227	49.441	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.880%
24) Chloroform-d	4.352	84	92536	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.034	65	40009	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.050	84	184937	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.069	67	50635	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.313	98	173596	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.622	79	17633	5.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.600%
46) 2-Hexanone-d5	8.088	63	58510	49.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32440	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	56788	4.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82272	5.554	ug/L	98
3) Chloromethane	1.243	50	84392	4.830	ug/L	99
5) Vinyl chloride	1.314	62	96234	4.931	ug/L	98
6) Bromomethane	1.523	94	64860	5.599	ug/L	99
8) Chloroethane	1.587	64	76156	6.218	ug/L	97
9) Trichlorofluoromethane	1.754	101	138204	5.239	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	79308	5.061	ug/L	99
12) 1,1-Dichloroethene	2.121	96	75073	5.028	ug/L	95
13) Acetone	2.172	43	62645	59.492	ug/L	81
14) Carbon disulfide	2.298	76	171711	5.551	ug/L	99
15) Methyl Acetate	2.436	43	14406	6.010	ug/L #	90
16) Methylene chloride	2.507	84	59266	5.055	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	105256	5.572	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	60561	5.651	ug/L	100
19) 1,1-Dichloroethane	3.191	63	100334	5.608	ug/L	96
21) 2-Butanone	3.969	43	82691	57.070	ug/L	85
22) cis-1,2-Dichloroethene	3.912	96	61280	5.628	ug/L	98
23) Bromochloromethane	4.249	128	26140	5.756	ug/L #	94
25) Chloroform	4.378	83	110949	5.589	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	57485	5.608	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	97696	5.698	ug/L	99
30) Cyclohexane	4.680	56	83410	5.440	ug/L	99
31) Carbon tetrachloride	4.828	117	85114	5.735	ug/L	99
33) Benzene	5.101	78	237774	5.717	ug/L	100
34) Trichloroethene	5.915	95	64376	5.637	ug/L	99
35) Methylcyclohexane	6.130	83	98373	5.497	ug/L	99
37) 1,2-Dichloropropane	6.172	63	53802	5.577	ug/L	100
38) Bromodichloromethane	6.510	83	69328	5.672	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	69912	5.588	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	220751	57.304	ug/L	99
42) Toluene	7.387	91	265720	5.984	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	56139	5.708	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	39431	5.969	ug/L	97
47) Tetrachloroethene	7.976	164	49687	5.900	ug/L	96
48) 2-Hexanone	8.137	43	155568	56.463	ug/L	99
49) Dibromochloromethane	8.246	129	41700	5.866	ug/L	94
50) 1,2-Dibromoethane	8.352	107	34543	5.613	ug/L	98
51) Chlorobenzene	8.879	112	164756	5.746	ug/L	99
52) Ethylbenzene	9.011	91	272619	5.789	ug/L	99
53) m,p-Xylene	9.136	106	107972	5.895	ug/L	98
54) o-Xylene	9.542	106	102343	5.845	ug/L	96
55) Styrene	9.558	104	176505	6.130	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	38524	5.594	ug/L	99
59) Bromoform	9.731	173	17631	6.096	ug/L	98
60) Isopropylbenzene	9.931	105	277328	5.909	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29677	5.543	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	119429	5.675	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	220367	5.869	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	128174	5.832	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	128914	5.857	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	112288	5.805	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5146	5.368	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	91748	5.787	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70591	5.901	ug/L	97
71) Naphthalene	13.500	128	107262	5.753	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	60374	5.857	ug/L	98

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

