

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026840.D
 Acq On : 19 Jul 2022 21:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Quant Time: Jul 20 05:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	248981	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	248103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71695	3.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.564	69	70301	3.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.105	63	148832	3.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.896	46	219611	61.948	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.900%
24) Chloroform-d	4.346	84	179702	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.031	65	80567	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	305034	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.069	67	99769	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.313	98	259736	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.622	79	30290	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	179585	56.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	86845	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	102132	4.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146619	4.632	ug/L	100
3) Chloromethane	1.240	50	130822	4.307	ug/L	97
5) Vinyl chloride	1.307	62	141211	4.566	ug/L	99
6) Bromomethane	1.516	94	78481	4.239	ug/L	99
8) Chloroethane	1.581	64	86999	4.774	ug/L	97
9) Trichlorofluoromethane	1.748	101	189074	4.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	107781	4.787	ug/L	98
12) 1,1-Dichloroethene	2.114	96	101680	4.658	ug/L	90
13) Acetone	2.185	43	138715	46.506	ug/L #	30
14) Carbon disulfide	2.288	76	293637	4.565	ug/L	99
15) Methyl Acetate	2.439	43	34612	5.738	ug/L	98
16) Methylene chloride	2.503	84	136736	5.258	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	193230	5.138	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	104557	5.211	ug/L	95
19) 1,1-Dichloroethane	3.185	63	194822	5.317	ug/L	99
21) 2-Butanone	3.979	43	205389	59.045	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	107902	5.332	ug/L	99
23) Bromochloromethane	4.246	128	50521	5.419	ug/L	93
25) Chloroform	4.371	83	206424	5.379	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	106359	5.144	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	175289	5.243	ug/L	98
30) Cyclohexane	4.674	56	136878	4.804	ug/L	98
31) Carbon tetrachloride	4.825	117	149909	5.077	ug/L	96
33) Benzene	5.095	78	430993	5.196	ug/L	100
34) Trichloroethene	5.912	95	105671	5.183	ug/L	99
35) Methylcyclohexane	6.127	83	152147	4.890	ug/L	99
37) 1,2-Dichloropropane	6.172	63	108236	5.457	ug/L	100
38) Bromodichloromethane	6.510	83	133457	5.161	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	122242	4.959	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	493524	53.867	ug/L	99
42) Toluene	7.387	91	449410	5.365	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	105897	5.232	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	76455	5.273	ug/L	98
47) Tetrachloroethene	7.973	164	83314	5.211	ug/L	98
48) 2-Hexanone	8.140	43	369059	55.657	ug/L	100
49) Dibromochloromethane	8.243	129	86255	5.162	ug/L	99
50) 1,2-Dibromoethane	8.352	107	68444	5.335	ug/L	99
51) Chlorobenzene	8.879	112	285341	5.387	ug/L	97
52) Ethylbenzene	9.011	91	423577	5.109	ug/L	98
53) m,p-Xylene	9.136	106	171595	5.323	ug/L	99
54) o-Xylene	9.542	106	163767	5.345	ug/L	95
55) Styrene	9.561	104	289703	5.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87645	5.106	ug/L	96
59) Bromoform	9.731	173	40857	4.720	ug/L	98
60) Isopropylbenzene	9.931	105	426502	5.068	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	63386	5.094	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	323523	4.832	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	333683	4.908	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	216338	5.247	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	214781	5.123	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	198895	5.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11564	4.384	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	144993	4.975	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	108889	4.913	ug/L	99
71) Naphthalene	13.500	128	165844	4.517	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	101275	4.911	ug/L	98

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

