

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025420.D
 Acq On : 08 Apr 2022 19:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Apr 09 05:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148169	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	73760	5.354	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.000%		
7) Chloroethane-d5	1.571	69	66397	4.531	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 90.600%		
11) 1,1-Dichloroethene-d2	2.114	63	142448	5.162	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.200%		
20) 2-Butanone-d5	3.896	46	105422	62.914	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 125.820%		
24) Chloroform-d	4.352	84	118520	5.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.800%		
26) 1,2-Dichloroethane-d4	5.034	65	52861	5.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.800%		
32) Benzene-d6	5.053	84	236468	5.592	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.800%		
36) 1,2-Dichloropropane-d6	6.069	67	65674	5.569	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.400%		
41) Toluene-d8	7.317	98	221608	5.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.000%		
43) trans-1,3-Dichloroprop...	7.622	79	22797	5.752	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 115.000%		
46) 2-Hexanone-d5	8.088	63	83992	60.379	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 120.760%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42327	5.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	74483	5.587	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63676	4.757	ug/L	98
3) Chloromethane	1.243	50	78450	5.394	ug/L	98
5) Vinyl chloride	1.314	62	80838	4.919	ug/L	100
6) Bromomethane	1.526	94	53344	4.501	ug/L	98
8) Chloroethane	1.587	64	54881	4.326	ug/L	97
9) Trichlorofluoromethane	1.757	101	112920	4.892	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60534	4.668	ug/L	98
12) 1,1-Dichloroethene	2.121	96	61113	4.755	ug/L	98
13) Acetone	2.188	43	58216	51.187	ug/L	98
14) Carbon disulfide	2.298	76	143243	4.656	ug/L	100
15) Methyl Acetate	2.442	43	14455	5.719	ug/L	100
16) Methylene chloride	2.510	84	55024	4.416	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	104095	5.235	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	52275	4.854	ug/L	96
19) 1,1-Dichloroethane	3.195	63	92208	5.055	ug/L	99
21) 2-Butanone	3.982	43	89365	56.864	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	58466	5.157	ug/L	96
23) Bromochloromethane	4.253	128	24915	5.293	ug/L	98
25) Chloroform	4.378	83	100140	5.201	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	53532	5.270	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	80992	4.699	ug/L	100
30) Cyclohexane	4.680	56	71252	4.547	ug/L	100
31) Carbon tetrachloride	4.831	117	68063	4.669	ug/L	100
33) Benzene	5.101	78	212699	4.927	ug/L	100
34) Trichloroethene	5.915	95	55756	4.864	ug/L	99
35) Methylcyclohexane	6.130	83	82211	4.495	ug/L	98
37) 1,2-Dichloropropane	6.175	63	50310	5.038	ug/L	99
38) Bromodichloromethane	6.510	83	63095	5.089	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	67051	5.123	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	222645	55.679	ug/L	100
42) Toluene	7.387	91	227869	4.853	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51953	5.109	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	35473	5.304	ug/L	99
47) Tetrachloroethene	7.976	164	41556	4.631	ug/L	95
48) 2-Hexanone	8.137	43	162984	58.486	ug/L	98
49) Dibromochloromethane	8.246	129	37557	5.115	ug/L	99
50) 1,2-Dibromoethane	8.352	107	32224	5.130	ug/L	94
51) Chlorobenzene	8.879	112	143310	4.780	ug/L	99
52) Ethylbenzene	9.011	91	228682	4.566	ug/L	100
53) m,p-Xylene	9.137	106	91498	4.805	ug/L	98
54) o-Xylene	9.542	106	88361	4.778	ug/L	97
55) Styrene	9.561	104	149038	4.956	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35338	5.288	ug/L	99
59) Bromoform	9.731	173	16413	5.001	ug/L	98
60) Isopropylbenzene	9.931	105	230204	4.677	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27781	5.305	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	97792	4.456	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	183947	4.652	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	107615	4.684	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	106354	4.561	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	97713	4.803	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4730	5.224	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	79028	4.521	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	58905	4.372	ug/L	98
71) Naphthalene	13.503	128	89513	4.529	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50428	4.520	ug/L	97

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

