

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033022\
 Data File : VW025306.D
 Acq On : 30 Mar 2022 10:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005358

Quant Time: Mar 31 01:24:12 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	5.612	114	153666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67036	4.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.568	69	56212	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.111	63	139217	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.899	46	66411	46.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.900%
24) Chloroform-d	4.346	84	91184	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.027	65	38767	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	177046	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	47887	4.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	167266	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.619	79	15799	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	53362	41.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32095	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	54392	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81895	5.336	ug/L	100
3) Chloromethane	1.243	50	83765	4.627	ug/L	99
5) Vinyl chloride	1.314	62	93352	4.617	ug/L	99
6) Bromomethane	1.523	94	60555	5.045	ug/L	99
8) Chloroethane	1.587	64	59877	4.719	ug/L	99
9) Trichlorofluoromethane	1.754	101	144007	5.268	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	80553	4.961	ug/L	99
12) 1,1-Dichloroethene	2.117	96	74056	4.787	ug/L	89
13) Acetone	2.188	43	62925	57.675	ug/L	80
14) Carbon disulfide	2.294	76	170217	5.311	ug/L	100
15) Methyl Acetate	2.439	43	14375	5.788	ug/L	97
16) Methylene chloride	2.506	84	58413	4.809	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	101854	5.204	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	59743	5.380	ug/L	97
19) 1,1-Dichloroethane	3.188	63	99051	5.343	ug/L	98
21) 2-Butanone	3.979	43	82452	54.922	ug/L	85
22) cis-1,2-Dichloroethene	3.908	96	58814	5.213	ug/L	93
23) Bromochloromethane	4.246	128	25701	5.462	ug/L	94
25) Chloroform	4.371	83	109982	5.347	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	57671	5.430	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	97875	5.215	ug/L	98
30) Cyclohexane	4.670	56	79880	4.760	ug/L	97
31) Carbon tetrachloride	4.822	117	87536	5.389	ug/L	96
33) Benzene	5.095	78	235017	5.162	ug/L	100
34) Trichloroethene	5.908	95	63688	5.095	ug/L	97
35) Methylcyclohexane	6.127	83	96563	4.930	ug/L	99
37) 1,2-Dichloropropane	6.169	63	54186	5.131	ug/L	99
38) Bromodichloromethane	6.506	83	69964	5.230	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	67817	4.952	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	216109	51.253	ug/L	99
42) Toluene	7.384	91	258971	5.328	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	54490	5.062	ug/L	92
45) 1,1,2-Trichloroethane	7.834	97	37636	5.205	ug/L	95
47) Tetrachloroethene	7.973	164	48784	5.292	ug/L	96
48) 2-Hexanone	8.136	43	158252	52.475	ug/L	99
49) Dibromochloromethane	8.243	129	42572	5.471	ug/L	98
50) 1,2-Dibromoethane	8.349	107	34703	5.151	ug/L #	99
51) Chlorobenzene	8.876	112	163506	5.209	ug/L	99
52) Ethylbenzene	9.008	91	265765	5.156	ug/L	97
53) m,p-Xylene	9.133	106	106099	5.292	ug/L	99
54) o-Xylene	9.538	106	101044	5.272	ug/L	97
55) Styrene	9.558	104	170780	5.419	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	38290	5.080	ug/L	96
59) Bromoform	9.728	173	18845	5.922	ug/L	98
60) Isopropylbenzene	9.927	105	269979	5.229	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	28712	4.874	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	110980	4.794	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	215365	5.214	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128688	5.322	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	123232	5.089	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	112476	5.286	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5453	5.170	ug/L	83
69) 1,3,5-Trichlorobenzene	12.644	180	90823	5.207	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	65808	5.000	ug/L	99
71) Naphthalene	13.500	128	91142	4.444	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57764	5.094	ug/L	99

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

