

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028333.D
 Acq On : 04 Oct 2022 17:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Quant Time: Oct 04 23:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	110033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62667	4.168	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.561	69	57571	4.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.101	63	127757	4.508	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.902	46	152102	59.789	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.580%
24) Chloroform-d	4.339	84	132344	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.024	65	62740	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.040	84	269663	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.063	67	80969	5.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.310	98	248905	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.619	79	29932	5.032	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.085	63	135282	55.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	62447	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.619	152	90529	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	88041	5.470	ug/L	92
3) Chloromethane	1.237	50	80572	5.282	ug/L	95
5) Vinyl chloride	1.304	62	95003	5.531	ug/L	99
6) Bromomethane	1.516	94	37688	4.620	ug/L	98
8) Chloroethane	1.577	64	67287	5.878	ug/L	87
9) Trichlorofluoromethane	1.745	101	137048	5.310	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	80324	5.565	ug/L	98
12) 1,1-Dichloroethene	2.111	96	75720	5.275	ug/L #	70
13) Acetone	2.201	43	101844	60.966	ug/L	97
14) Carbon disulfide	2.285	76	233780	5.228	ug/L	99
15) Methyl Acetate	2.442	43	25571	5.624	ug/L #	83
16) Methylene chloride	2.497	84	88353	5.468	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	159171	5.400	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	83000	5.552	ug/L	96
19) 1,1-Dichloroethane	3.179	63	145794	5.726	ug/L	98
21) 2-Butanone	3.982	43	155729	61.408	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	83549	5.549	ug/L	94
23) Bromochloromethane	4.236	128	37812	5.670	ug/L	89
25) Chloroform	4.365	83	154282	5.525	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	78609	5.254	ug/L #	93
29) 1,1,1-Trichloroethane	4.596	97	130960	5.350	ug/L	98
30) Cyclohexane	4.667	56	118730	5.630	ug/L	93
31) Carbon tetrachloride	4.818	117	114284	5.204	ug/L	100
33) Benzene	5.088	78	334965	5.670	ug/L	100
34) Trichloroethene	5.905	95	82569	5.582	ug/L	95
35) Methylcyclohexane	6.124	83	128982	5.341	ug/L	97
37) 1,2-Dichloropropane	6.166	63	79956	5.844	ug/L	98
38) Bromodichloromethane	6.503	83	99814	5.290	ug/L #	96
39) cis-1,3-Dichloropropene	7.021	75	106652	5.461	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	371484	59.097	ug/L	95
42) Toluene	7.381	91	358684	5.770	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	87131	5.252	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	56834	5.601	ug/L	97
47) Tetrachloroethene	7.969	164	70810	5.478	ug/L	97
48) 2-Hexanone	8.137	43	278613	63.283	ug/L	95
49) Dibromochloromethane	8.239	129	66266	5.159	ug/L	100
50) 1,2-Dibromoethane	8.349	107	51457	5.635	ug/L	98
51) Chlorobenzene	8.876	112	224492	5.430	ug/L	99
52) Ethylbenzene	9.008	91	360591	5.520	ug/L	99
53) m,p-Xylene	9.133	106	142083	5.456	ug/L	100
54) o-Xylene	9.538	106	137302	5.574	ug/L	96
55) Styrene	9.555	104	243326	5.748	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	65365	5.677	ug/L	99
59) Bromoform	9.728	173	36483	5.034	ug/L	98
60) Isopropylbenzene	9.927	105	365673	5.431	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	45484	5.357	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	98106	5.128	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	283187	5.223	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	184575	5.580	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	184786	5.579	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	167542	5.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9723	5.028	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	142584	5.450	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	111595	5.597	ug/L	100
71) Naphthalene	13.496	128	156703	5.032	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	97130	5.404	ug/L	99

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

