

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028359.D
 Acq On : 05 Oct 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Oct 06 02:31:41 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	219011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	213207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60722	3.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.561	69	55837	4.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.101	63	124606	4.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.902	46	151236	54.317	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	4.339	84	128114	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.024	65	58531	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.040	84	256125	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.063	67	77130	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.310	98	235692	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.619	79	28273	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.085	63	130770	49.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.000%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58986	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	85725	4.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	90725	5.150	ug/L	93
3) Chloromethane	1.236	50	85329	5.111	ug/L	97
5) Vinyl chloride	1.304	62	100953	5.370	ug/L	99
6) Bromomethane	1.516	94	42395	4.748	ug/L	100
8) Chloroethane	1.577	64	67733	5.406	ug/L	87
9) Trichlorofluoromethane	1.744	101	139454	4.937	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	80539	5.098	ug/L	97
12) 1,1-Dichloroethene	2.111	96	78596	5.003	ug/L #	67
13) Acetone	2.195	43	107675	58.893	ug/L	64
14) Carbon disulfide	2.285	76	240239	4.909	ug/L	99
15) Methyl Acetate	2.439	43	26498	5.325	ug/L #	89
16) Methylene chloride	2.497	84	87216	4.932	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	168810	5.233	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	86229	5.270	ug/L	96
19) 1,1-Dichloroethane	3.179	63	153423	5.505	ug/L	99
21) 2-Butanone	3.982	43	154204	55.558	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	87495	5.310	ug/L	98
23) Bromochloromethane	4.240	128	39203	5.371	ug/L	85
25) Chloroform	4.365	83	161545	5.286	ug/L	100

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

27) 1,2-Dichloroethane	5.124	62	82378	5.031	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	136359	5.185	ug/L	98
30) Cyclohexane	4.667	56	125896	5.556	ug/L	93
31) Carbon tetrachloride	4.818	117	119733	5.075	ug/L	99
33) Benzene	5.088	78	350235	5.518	ug/L	100
34) Trichloroethene	5.908	95	88125	5.545	ug/L	95
35) Methylcyclohexane	6.124	83	139909	5.393	ug/L	95
37) 1,2-Dichloropropane	6.166	63	83306	5.667	ug/L	98
38) Bromodichloromethane	6.503	83	105002	5.179	ug/L #	98
39) cis-1,3-Dichloropropene	7.021	75	111517	5.315	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	401859	59.503	ug/L	95
42) Toluene	7.381	91	376174	5.632	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	93713	5.257	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	58514	5.367	ug/L	97
47) Tetrachloroethene	7.969	164	74707	5.379	ug/L	97
48) 2-Hexanone	8.136	43	292992	61.942	ug/L	96
49) Dibromochloromethane	8.239	129	69430	5.031	ug/L	98
50) 1,2-Dibromoethane	8.349	107	53838	5.487	ug/L	98
51) Chlorobenzene	8.876	112	237279	5.342	ug/L	98
52) Ethylbenzene	9.008	91	380256	5.418	ug/L	100
53) m,p-Xylene	9.133	106	153122	5.473	ug/L	95
54) o-Xylene	9.538	106	144304	5.453	ug/L	100
55) Styrene	9.554	104	254508	5.596	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	67430	5.451	ug/L	99
59) Bromoform	9.728	173	38601	4.932	ug/L	98
60) Isopropylbenzene	9.927	105	383164	5.269	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	48709	5.312	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	103428	5.005	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	300492	5.131	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	200102	5.601	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	203925	5.701	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	180621	5.575	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	10324	4.943	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	150789	5.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	120287	5.586	ug/L	98
71) Naphthalene	13.500	128	165511	4.921	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	105257	5.422	ug/L	97

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

