

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027931.D
 Acq On : 19 Sep 2022 16:55
 Operator : SY/MD
 Sample : VSTD00542
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005242

Quant Time: Sep 20 01:26:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	128445	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49527	5.597	ug/L	0.00
7) Chloroethane-d5	1.561	69	42900	5.712	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	79099	4.511	ug/L	0.00
20) 2-Butanone-d5	3.883	46	82899	45.395	ug/L	0.00
24) Chloroform-d	4.339	84	84593	4.904	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	35330	3.985	ug/L	0.00
32) Benzene-d6	5.043	84	159993	4.382	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	48890	4.614	ug/L	0.00
41) Toluene-d8	7.310	98	144773	4.703	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	17164	4.689	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	82030	57.002	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39621	5.448	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	56515	4.733	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	47848	3.955	ug/L	100
3) Chloromethane	1.237	50	47596	4.249	ug/L	100
5) Vinyl chloride	1.304	62	50747	4.466	ug/L	100
6) Bromomethane	1.516	94	36371	5.551	ug/L	100
8) Chloroethane	1.581	64	34843	5.193	ug/L	100
9) Trichlorofluoromethane	1.748	101	80916	4.430	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	49470	5.307	ug/L	100
12) 1,1-Dichloroethene	2.111	96	45233	5.242	ug/L	100
13) Acetone	2.175	43	50793	37.701	ug/L	98
14) Carbon disulfide	2.288	76	89691	3.729	ug/L	100
15) Methyl Acetate	2.433	43	13062	3.764	ug/L	100
16) Methylene chloride	2.500	84	51924	4.633	ug/L	100
17) Methyl tert-butyl Ether	2.761	73	82232	4.228	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	42411	4.739	ug/L	100
19) 1,1-Dichloroethane	3.182	63	83135	4.932	ug/L	100
21) 2-Butanone	3.966	43	78633	41.519	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	48430	4.974	ug/L	100
23) Bromochloromethane	4.243	128	21583	5.185	ug/L	100
25) Chloroform	4.368	83	87648	4.774	ug/L	100
27) 1,2-Dichloroethane	5.127	62	43202	4.040	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	71614	3.826	ug/L	100
30) Cyclohexane	4.670	56	51976	3.444	ug/L	100
31) Carbon tetrachloride	4.822	117	64188	4.005	ug/L	100
33) Benzene	5.092	78	178526	4.311	ug/L	100
34) Trichloroethene	5.908	95	44830	4.386	ug/L	100
35) Methylcyclohexane	6.127	83	62843	4.054	ug/L	100
37) 1,2-Dichloropropane	6.166	63	48596	4.918	ug/L	100
38) Bromodichloromethane	6.503	83	59257	4.537	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	58770	4.585	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	203947	45.123	ug/L	100
42) Toluene	7.384	91	198870	4.890	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	51188	4.775	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	34437	5.196	ug/L	100
47) Tetrachloroethene	7.973	164	39568	4.660	ug/L	100
48) 2-Hexanone	8.137	43	146297	45.265	ug/L	100
49) Dibromochloromethane	8.243	129	42289	5.031	ug/L	100
50) 1,2-Dibromoethane	8.349	107	31566	5.238	ug/L	100
51) Chlorobenzene	8.879	112	129759	4.847	ug/L	100
52) Ethylbenzene	9.008	91	200132	4.706	ug/L	100
53) m,p-Xylene	9.137	106	80411	4.811	ug/L	100
54) o-Xylene	9.542	106	77629	4.855	ug/L	100
55) Styrene	9.558	104	138606	4.994	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	41902	5.510	ug/L	100
59) Bromoform	9.728	173	23553	5.270	ug/L	100
60) Isopropylbenzene	9.928	105	209778	4.723	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27007	4.702	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	55513	4.454	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	159759	4.464	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	111324	4.848	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	111471	4.814	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	102626	4.903	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	5910	4.742	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	86798	4.902	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	69586	4.892	ug/L	100
71) Naphthalene	13.500	128	101223	4.481	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	63890	5.029	ug/L	100

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

