

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050422\
 Data File : VV025849.D
 Acq On : 04 May 2022 16:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: May 05 04:58:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 05 04:55:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	166735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	79170	4.332	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.571	69	78307	4.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.111	63	154235	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.886	46	138347	55.314	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.620%
24) Chloroform-d	4.346	84	141166	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.027	65	64307	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.047	84	273302	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.066	67	81507	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.310	98	247284	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.619	79	25779	5.139	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.085	63	116602	59.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.280%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	56784	5.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	81025	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	77863	3.967	ug/L	100
3) Chloromethane	1.243	50	107526	4.704	ug/L	100
5) Vinyl chloride	1.314	62	102386	4.488	ug/L	100
6) Bromomethane	1.526	94	62437	5.026	ug/L	97
8) Chloroethane	1.587	64	74249	5.057	ug/L	100
9) Trichlorofluoromethane	1.754	101	129814	4.181	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	66546	3.974	ug/L	98
12) 1,1-Dichloroethene	2.121	96	69896	4.349	ug/L	88
13) Acetone	2.185	43	91663	55.684	ug/L	95
14) Carbon disulfide	2.298	76	180486	4.344	ug/L	99
15) Methyl Acetate	2.439	43	20764	5.270	ug/L	91
16) Methylene chloride	2.507	84	80152	5.142	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	136278	5.578	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	62760	4.433	ug/L	97
19) 1,1-Dichloroethane	3.188	63	128641	5.095	ug/L	98
21) 2-Butanone	3.970	43	135936	61.717	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	72029	4.971	ug/L	92
23) Bromochloromethane	4.243	128	31843	5.374	ug/L	94
25) Chloroform	4.371	83	133444	5.063	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	75590	5.290	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	103557	4.557	ug/L	98
30) Cyclohexane	4.677	56	80790	3.931	ug/L	96
31) Carbon tetrachloride	4.825	117	81509	4.201	ug/L	97
33) Benzene	5.095	78	273581	4.865	ug/L	100
34) Trichloroethene	5.912	95	63078	4.263	ug/L	97
35) Methylcyclohexane	6.127	83	88659	3.889	ug/L	93
37) 1,2-Dichloropropane	6.169	63	70359	5.150	ug/L	100
38) Bromodichloromethane	6.503	83	88654	5.234	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	82979	4.957	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	349280	61.536	ug/L	95
42) Toluene	7.384	91	274642	4.599	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	69862	5.234	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	45547	5.225	ug/L	96
47) Tetrachloroethene	7.973	164	46254	3.663	ug/L	98
48) 2-Hexanone	8.133	43	253230	63.262	ug/L	94
49) Dibromochloromethane	8.243	129	49086	5.103	ug/L	95
50) 1,2-Dibromoethane	8.349	107	41529	5.400	ug/L	98
51) Chlorobenzene	8.876	112	169808	4.470	ug/L	98
52) Ethylbenzene	9.008	91	264727	4.279	ug/L	97
53) m,p-Xylene	9.133	106	105113	4.324	ug/L	97
54) o-Xylene	9.538	106	100548	4.361	ug/L	100
55) Styrene	9.558	104	175912	4.619	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	51219	5.518	ug/L	95
59) Bromoform	9.728	173	23237	5.497	ug/L	99
60) Isopropylbenzene	9.927	105	258046	4.265	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	38164	5.305	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	106680	4.103	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	201165	4.233	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	124589	4.475	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	122408	4.306	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	112601	4.530	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6990	5.208	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	88841	4.251	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	65419	4.193	ug/L	98
71) Naphthalene	13.500	128	99847	4.508	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55904	4.397	ug/L	97

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

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