

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028218.D
 Acq On : 30 Sep 2022 11:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005312

Quant Time: Sep 30 22:55:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	163351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	159913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	72218	4.264	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.561	69	61067	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.101	63	127477	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.892	46	115430	40.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.740%
24) Chloroform-d	4.336	84	117397	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.024	65	53715	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.040	84	233236	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.063	67	65436	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.310	98	229851	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.616	79	26394	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.085	63	113800	46.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	54993	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	87334	4.920	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	59256	4.857	ug/L	94
3) Chloromethane	1.236	50	49899	3.088	ug/L	99
5) Vinyl chloride	1.304	62	61658	4.868	ug/L	99
6) Bromomethane	1.516	94	39708	4.814	ug/L	99
8) Chloroethane	1.577	64	45359	5.340	ug/L	87
9) Trichlorofluoromethane	1.748	101	108709	5.405	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64434	5.559	ug/L	96
12) 1,1-Dichloroethene	2.111	96	55477	4.914	ug/L	81
13) Acetone	2.185	43	94759	43.029	ug/L	98
14) Carbon disulfide	2.285	76	100790	4.653	ug/L	98
15) Methyl Acetate	2.433	43	17101	4.000	ug/L #	79
16) Methylene chloride	2.497	84	61006	4.841	ug/L	88
17) Methyl tert-butyl Ether	2.761	73	123240	5.075	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	49666	5.026	ug/L	94
19) 1,1-Dichloroethane	3.179	63	101050	4.687	ug/L	98
21) 2-Butanone	3.973	43	107890	39.572	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	60909	4.697	ug/L	85
23) Bromochloromethane	4.240	128	27529	5.302	ug/L #	73
25) Chloroform	4.365	83	111634	4.826	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	57428	4.656	ug/L #	94
29) 1,1,1-Trichloroethane	4.596	97	101287	5.155	ug/L	97
30) Cyclohexane	4.667	56	61708	4.342	ug/L	86
31) Carbon tetrachloride	4.815	117	82178	5.082	ug/L	98
33) Benzene	5.088	78	222871	5.019	ug/L	100
34) Trichloroethene	5.905	95	55409	5.013	ug/L	93
35) Methylcyclohexane	6.121	83	74141	4.891	ug/L	93
37) 1,2-Dichloropropane	6.166	63	53514	4.299	ug/L #	97
38) Bromodichloromethane	6.503	83	75175	4.891	ug/L #	96
39) cis-1,3-Dichloropropene	7.021	75	78593	5.083	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	272114	45.013	ug/L #	93
42) Toluene	7.381	91	233753	5.046	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	65536	4.928	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	43065	5.161	ug/L	97
47) Tetrachloroethene	7.969	164	50063	5.674	ug/L	95
48) 2-Hexanone	8.137	43	195107	42.514	ug/L #	93
49) Dibromochloromethane	8.239	129	52796	5.262	ug/L	95
50) 1,2-Dibromoethane	8.349	107	36698	5.060	ug/L	100
51) Chlorobenzene	8.876	112	166838	5.370	ug/L	97
52) Ethylbenzene	9.008	91	247352	5.048	ug/L	99
53) m,p-Xylene	9.133	106	101256	5.392	ug/L	93
54) o-Xylene	9.538	106	101065	5.450	ug/L	96
55) Styrene	9.555	104	180258	5.609	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	50886	5.233	ug/L #	99
59) Bromoform	9.728	173	29940	5.211	ug/L	99
60) Isopropylbenzene	9.927	105	284076	5.348	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	35338	4.656	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	75138	5.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	218003	5.213	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	140051	5.299	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	144757	5.474	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	145200	5.816	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	7851	4.719	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	112715	5.388	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	96985	5.797	ug/L	98
71) Naphthalene	13.496	128	129846	4.739	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	81047	5.356	ug/L	97

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

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