

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028062.D
 Acq On : 22 Sep 2022 15:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005298

Quant Time: Sep 23 04:22:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	179269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	178525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56880	3.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.561	69	51977	3.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.101	63	105167	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.879	46	144703	46.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.240%
24) Chloroform-d	4.339	84	122583	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.024	65	60114	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.040	84	210217	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.062	67	71961	3.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.310	98	175755	3.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.619	79	25176	3.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.085	63	137147	49.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.700%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	57550	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	73155	3.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	67963	5.076	ug/L	91
3) Chloromethane	1.236	50	66806	3.768	ug/L	98
5) Vinyl chloride	1.304	62	72934	5.246	ug/L	96
6) Bromomethane	1.516	94	46543	5.141	ug/L	98
8) Chloroethane	1.577	64	47687	5.115	ug/L	98
9) Trichlorofluoromethane	1.744	101	114725	5.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	63622	5.002	ug/L	99
12) 1,1-Dichloroethene	2.111	96	57533	4.644	ug/L #	74
13) Acetone	2.169	43	77790	32.187	ug/L	99
14) Carbon disulfide	2.285	76	119045	5.007	ug/L	100
15) Methyl Acetate	2.429	43	18519	3.947	ug/L #	85
16) Methylene chloride	2.497	84	67751	4.899	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	140156	5.259	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	57368	5.290	ug/L	96
19) 1,1-Dichloroethane	3.178	63	126401	5.343	ug/L	100
21) 2-Butanone	3.963	43	127162	42.499	ug/L	95
22) cis-1,2-Dichloroethene	3.899	96	66962	4.706	ug/L	96
23) Bromochloromethane	4.236	128	29149	5.116	ug/L	92
25) Chloroform	4.365	83	132095	5.203	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	71419	5.276	ug/L	96
29) 1,1,1-Trichloroethane	4.596	97	112967	5.150	ug/L	98
30) Cyclohexane	4.664	56	81656	5.147	ug/L	94
31) Carbon tetrachloride	4.818	117	94061	5.211	ug/L	100
33) Benzene	5.091	78	262941	5.304	ug/L	100
34) Trichloroethene	5.905	95	62809	5.090	ug/L	96
35) Methylcyclohexane	6.124	83	88273	5.216	ug/L	97
37) 1,2-Dichloropropane	6.165	63	67406	4.850	ug/L	99
38) Bromodichloromethane	6.503	83	90194	5.257	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	88807	5.144	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	369980	54.821	ug/L	98
42) Toluene	7.381	91	276537	5.348	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	75980	5.117	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	46709	5.014	ug/L	96
47) Tetrachloroethene	7.969	164	51680	5.247	ug/L	96
48) 2-Hexanone	8.136	43	270087	52.717	ug/L	99
49) Dibromochloromethane	8.239	129	57136	5.101	ug/L	99
50) 1,2-Dibromoethane	8.349	107	41610	5.140	ug/L	99
51) Chlorobenzene	8.876	112	174733	5.038	ug/L	99
52) Ethylbenzene	9.008	91	276049	5.046	ug/L	98
53) m,p-Xylene	9.133	106	107663	5.135	ug/L	99
54) o-Xylene	9.538	106	108046	5.219	ug/L	98
55) Styrene	9.558	104	194826	5.431	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	58081	5.351	ug/L	100
59) Bromoform	9.728	173	31507	5.102	ug/L	98
60) Isopropylbenzene	9.927	105	295076	5.168	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40782	4.999	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	80452	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	225686	5.020	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	145487	5.121	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	145612	5.123	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	135101	5.034	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	8385	4.689	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	112131	4.987	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	89521	4.978	ug/L	99
71) Naphthalene	13.499	128	137529	4.670	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	81763	5.026	ug/L	99

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

