

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028149.D
 Acq On : 28 Sep 2022 09:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005307

Quant Time: Sep 29 01:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	183245	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	180962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101409	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	82622	4.349	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.561	69	66168	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.101	63	142040	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.896	46	138474	43.175	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.360%
24) Chloroform-d	4.336	84	140699	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.024	65	62769	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.040	84	276916	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.059	67	80409	4.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	262978	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.619	79	30319	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.085	63	120553	43.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58267	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	90362	4.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	73633	5.380	ug/L	93
3) Chloromethane	1.237	50	65136	3.594	ug/L	96
5) Vinyl chloride	1.304	62	75029	5.280	ug/L	99
6) Bromomethane	1.516	94	39210	4.237	ug/L	99
8) Chloroethane	1.577	64	49141	5.157	ug/L	99
9) Trichlorofluoromethane	1.745	101	123740	5.485	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72104	5.546	ug/L	97
12) 1,1-Dichloroethene	2.111	96	63381	5.005	ug/L	80
13) Acetone	2.188	43	106935	43.286	ug/L	63
14) Carbon disulfide	2.285	76	124613	5.128	ug/L	98
15) Methyl Acetate	2.436	43	23560	4.913	ug/L #	85
16) Methylene chloride	2.497	84	75654	5.352	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	154937	5.687	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	63512	5.729	ug/L	98
19) 1,1-Dichloroethane	3.182	63	136503	5.645	ug/L	97
21) 2-Butanone	3.976	43	151034	49.382	ug/L	91
22) cis-1,2-Dichloroethene	3.899	96	74963	5.153	ug/L	97
23) Bromochloromethane	4.240	128	33703	5.786	ug/L	87
25) Chloroform	4.362	83	148068	5.706	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	77536	5.603	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	127789	5.747	ug/L	97
30) Cyclohexane	4.664	56	81581	5.073	ug/L	91
31) Carbon tetrachloride	4.818	117	107259	5.862	ug/L	99
33) Benzene	5.088	78	287739	5.726	ug/L	100
34) Trichloroethene	5.905	95	70742	5.656	ug/L	97
35) Methylcyclohexane	6.121	83	93262	5.437	ug/L	97
37) 1,2-Dichloropropane	6.166	63	75097	5.331	ug/L	99
38) Bromodichloromethane	6.503	83	101902	5.859	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	99472	5.685	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	386662	56.521	ug/L	96
42) Toluene	7.381	91	308882	5.893	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	86935	5.776	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	53404	5.655	ug/L	97
47) Tetrachloroethene	7.969	164	58719	5.881	ug/L	96
48) 2-Hexanone	8.133	43	287486	55.357	ug/L	98
49) Dibromochloromethane	8.239	129	67313	5.929	ug/L	100
50) 1,2-Dibromoethane	8.349	107	47658	5.807	ug/L	99
51) Chlorobenzene	8.876	112	206546	5.875	ug/L	98
52) Ethylbenzene	9.008	91	322823	5.821	ug/L	98
53) m,p-Xylene	9.133	106	128471	6.045	ug/L	99
54) o-Xylene	9.538	106	124355	5.925	ug/L	99
55) Styrene	9.555	104	228849	6.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	64902	5.899	ug/L	98
59) Bromoform	9.728	173	37018	5.750	ug/L	97
60) Isopropylbenzene	9.928	105	340191	5.715	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	46419	5.458	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	90134	5.376	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	265214	5.659	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	176968	5.975	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	175150	5.910	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	162091	5.793	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	9839	5.277	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	138317	5.900	ug/L	100
70) 1,2,4-trichlorobenzene	13.255	180	107733	5.746	ug/L	99
71) Naphthalene	13.496	128	156665	5.103	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	96495	5.690	ug/L	98

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

