

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VV029692.D
 Acq On : 16 Dec 2022 12:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

Quant Time: Dec 16 20:14:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:48:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	248368	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	216722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	120946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57902	3.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.564	69	53697	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.104	63	116562	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.911	46	141591	55.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	4.336	84	130416	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.024	65	56117	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.037	84	260030	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.059	67	79065	4.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.307	98	233270	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.612	79	27058	4.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.085	63	136895	59.184	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.360%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	57410	5.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	88471	4.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	94654	5.108	ug/L	100
3) Chloromethane	1.236	50	103738	6.110	ug/L	99
5) Vinyl chloride	1.307	62	101867	6.021	ug/L	100
6) Bromomethane	1.516	94	50788	4.811	ug/L	100
8) Chloroethane	1.580	64	61256	6.092	ug/L	99
9) Trichlorofluoromethane	1.748	101	134356	5.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	78348	5.933	ug/L	97
12) 1,1-Dichloroethene	2.111	96	76734	6.009	ug/L	94
13) Acetone	2.211	43	101992	54.860	ug/L	91
14) Carbon disulfide	2.288	76	243006	6.549	ug/L	100
15) Methyl Acetate	2.442	43	27297	5.109	ug/L	97
16) Methylene chloride	2.500	84	99167	5.082	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	174294	5.338	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	84741	5.782	ug/L	98
19) 1,1-Dichloroethane	3.178	63	148394	5.625	ug/L	97
21) 2-Butanone	3.995	43	154340	53.030	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	91352	5.449	ug/L	99
23) Bromochloromethane	4.236	128	38311	5.705	ug/L	98
25) Chloroform	4.362	83	149057	5.412	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	76587	5.132	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	132711	5.324	ug/L	98
30) Cyclohexane	4.664	56	135926	5.517	ug/L	96
31) Carbon tetrachloride	4.815	117	113780	5.397	ug/L	97
33) Benzene	5.088	78	348796	5.381	ug/L	100
34) Trichloroethene	5.902	95	89338	5.403	ug/L	96
35) Methylcyclohexane	6.120	83	151248	5.419	ug/L	98
37) 1,2-Dichloropropane	6.162	63	84105	5.508	ug/L	99
38) Bromodichloromethane	6.500	83	102420	5.603	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	107998	4.839	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	385571	53.964	ug/L	99
42) Toluene	7.378	91	373184	5.364	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	90418	5.114	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	56701	5.485	ug/L	97
47) Tetrachloroethene	7.966	164	71634	5.285	ug/L	97
48) 2-Hexanone	8.136	43	277889	55.789	ug/L	99
49) Dibromochloromethane	8.236	129	66405	5.710	ug/L	95
50) 1,2-Dibromoethane	8.342	107	49774	5.518	ug/L	99
51) Chlorobenzene	8.869	112	230000	5.290	ug/L	98
52) Ethylbenzene	9.001	91	381452	5.259	ug/L	100
53) m,p-Xylene	9.127	106	149244	5.217	ug/L	96
54) o-Xylene	9.532	106	144638	5.147	ug/L	98
55) Styrene	9.551	104	253863	5.352	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.230	83	62256	5.820	ug/L	99
59) Bromoform	9.722	173	35111	5.526	ug/L	100
60) Isopropylbenzene	9.921	105	387673	4.958	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	43473	5.183	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	327529	4.838	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	327374	4.807	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	187503	5.140	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	187022	5.182	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	171391	5.099	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9174	5.569	ug/L	94
69) 1,3,5-Trichlorobenzene	12.631	180	152990	5.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	125204	5.141	ug/L	99
71) Naphthalene	13.490	128	165357	7.843	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	103880	5.239	ug/L	99

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

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