

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028707.D
 Acq On : 26 Oct 2022 20:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Quant Time: Oct 27 09:16:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	175028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	88479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53478	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.564	69	50830	4.635	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.104	63	120379	4.799	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.899	46	192156	64.978	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.960%
24) Chloroform-d	4.342	84	109688	4.871	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.030	65	55645	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.047	84	205790	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	72544	4.896	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.310	98	176192	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.622	79	20075	4.361	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	133741	62.413	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.820%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	54338	5.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	59838	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41898	5.328	ug/L	98
3) Chloromethane	1.240	50	75216	5.123	ug/L	99
5) Vinyl chloride	1.307	62	76763	5.262	ug/L	99
6) Bromomethane	1.519	94	36532	5.242	ug/L	99
8) Chloroethane	1.584	64	65325	6.586	ug/L	96
9) Trichlorofluoromethane	1.751	101	107294	5.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63616	5.507	ug/L	99
12) 1,1-Dichloroethene	2.114	96	57285	5.590	ug/L	80
13) Acetone	2.191	43	129756	73.924	ug/L	92
14) Carbon disulfide	2.291	76	102086	4.314	ug/L	99
15) Methyl Acetate	2.439	43	28026	5.262	ug/L	93
16) Methylene chloride	2.503	84	67879	4.802	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	152489	5.672	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	54206	5.255	ug/L	95
19) 1,1-Dichloroethane	3.185	63	133132	5.347	ug/L	95
21) 2-Butanone	3.979	43	199050	65.981	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	64994	5.256	ug/L #	99
23) Bromochloromethane	4.243	128	25109	5.432	ug/L	93
25) Chloroform	4.371	83	129163	5.334	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	75540	5.279	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	95136	4.519	ug/L	100
30) Cyclohexane	4.674	56	99165	4.546	ug/L	99
31) Carbon tetrachloride	4.825	117	72469	4.286	ug/L	99
33) Benzene	5.095	78	269577	5.153	ug/L	100
34) Trichloroethene	5.911	95	61935	4.779	ug/L	92
35) Methylcyclohexane	6.127	83	93482	5.222	ug/L	97
37) 1,2-Dichloropropane	6.169	63	78336	5.861	ug/L	98
38) Bromodichloromethane	6.506	83	81266	5.085	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	86237	5.323	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	516470	65.265	ug/L	99
42) Toluene	7.384	91	270639	5.456	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	65994	5.054	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	47062	5.729	ug/L	98
47) Tetrachloroethene	7.972	164	41337	5.197	ug/L	98
48) 2-Hexanone	8.136	43	364870	65.164	ug/L	99
49) Dibromochloromethane	8.239	129	44947	5.223	ug/L	94
50) 1,2-Dibromoethane	8.349	107	39843	5.571	ug/L	97
51) Chlorobenzene	8.876	112	174127	5.575	ug/L	98
52) Ethylbenzene	9.008	91	301078	5.462	ug/L	96
53) m,p-Xylene	9.133	106	108043	5.428	ug/L	99
54) o-Xylene	9.538	106	108372	5.413	ug/L	96
55) Styrene	9.554	104	189792	5.622	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	60703	5.892	ug/L	97
59) Bromoform	9.725	173	20395	4.695	ug/L	97
60) Isopropylbenzene	9.924	105	297763	5.348	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	44455	5.852	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	84057	5.175	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	237252	5.275	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	123606	5.154	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	124000	5.182	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	118674	5.412	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	7441	4.757	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	91283	5.012	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	69932	5.044	ug/L	98
71) Naphthalene	13.493	128	116031	4.883	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	64752	5.269	ug/L	97

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

