

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029706.D
 Acq On : 16 Dec 2022 18:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

Quant Time: Dec 16 20:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	245671	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	227676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	121535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54589	3.611	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.564	69	52591	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	115715	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.895	46	166018	65.642	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.280%#
24) Chloroform-d	4.339	84	134675	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	59204	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.043	84	267096	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.063	67	83925	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.307	98	242154	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.616	79	28682	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.085	63	149188	61.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.800%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64324	5.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	94803	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	95854	5.229	ug/L	100
3) Chloromethane	1.240	50	110927	6.605	ug/L	100
5) Vinyl chloride	1.310	62	109519	6.544	ug/L	99
6) Bromomethane	1.519	94	55244	5.290	ug/L	98
8) Chloroethane	1.584	64	68073	6.844	ug/L	99
9) Trichlorofluoromethane	1.751	101	140950	6.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	81594	6.247	ug/L	95
12) 1,1-Dichloroethene	2.117	96	81009	6.413	ug/L	87
13) Acetone	2.188	43	103399	56.227	ug/L	98
14) Carbon disulfide	2.291	76	241879	6.590	ug/L	100
15) Methyl Acetate	2.439	43	26071	4.933	ug/L	91
16) Methylene chloride	2.503	84	96654	5.008	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	183220	5.673	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	88958	6.136	ug/L	97
19) 1,1-Dichloroethane	3.182	63	161175	6.177	ug/L	98
21) 2-Butanone	3.979	43	171834	59.689	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	95850	5.780	ug/L	98
23) Bromochloromethane	4.243	128	41346	6.224	ug/L	98
25) Chloroform	4.365	83	162145	5.951	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	86639	5.869	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	142809	5.453	ug/L	99
30) Cyclohexane	4.670	56	135949	5.252	ug/L	98
31) Carbon tetrachloride	4.821	117	121496	5.486	ug/L	99
33) Benzene	5.092	78	375576	5.515	ug/L	100
34) Trichloroethene	5.908	95	93620	5.389	ug/L	97
35) Methylcyclohexane	6.124	83	147728	5.038	ug/L	97
37) 1,2-Dichloropropane	6.165	63	95483	5.952	ug/L	98
38) Bromodichloromethane	6.503	83	111927	5.829	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	117138	4.996	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	433069	57.695	ug/L	99
42) Toluene	7.381	91	397901	5.445	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	94978	5.113	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	61574	5.670	ug/L	99
47) Tetrachloroethene	7.966	164	73426	5.156	ug/L	99
48) 2-Hexanone	8.136	43	304485	58.188	ug/L	99
49) Dibromochloromethane	8.236	129	74132	6.068	ug/L	99
50) 1,2-Dibromoethane	8.342	107	55612	5.869	ug/L	98
51) Chlorobenzene	8.873	112	251242	5.500	ug/L	99
52) Ethylbenzene	9.005	91	410869	5.392	ug/L	99
53) m,p-Xylene	9.130	106	158643	5.278	ug/L	99
54) o-Xylene	9.535	106	152793	5.175	ug/L	100
55) Styrene	9.551	104	268686	5.392	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	69966	6.226	ug/L	99
59) Bromoform	9.722	173	38039	5.958	ug/L	99
60) Isopropylbenzene	9.921	105	405352	5.159	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	48164	5.714	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	334565	4.918	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	342644	5.007	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	194138	5.296	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	194463	5.362	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	179622	5.318	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	10638	6.426	ug/L	95
69) 1,3,5-Trichlorobenzene	12.631	180	148257	4.909	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	118315	4.834	ug/L	99
71) Naphthalene	13.493	128	135792	6.409	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	104861	5.263	ug/L	99

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

