

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033656.D
 Acq On : 16 Jan 2024 08:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Jan 17 00:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	116613	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	107618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27181	4.262	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.536	69	26186	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.063	65	13136	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	3.815	46	73884	47.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.780%
24) Chloroform-d	4.249	84	67269	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.947	65	29214	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.960	84	120465	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.989	67	37643	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.243	98	107429	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.555	79	12958	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.027	63	54436	46.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	23946	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	39156	4.697	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	56693	5.336	ug/L	98
3) Chloromethane	1.217	50	62005	4.868	ug/L	99
5) Vinyl chloride	1.285	62	63031	5.196	ug/L	99
6) Bromomethane	1.491	94	21697	3.576	ug/L	98
8) Chloroethane	1.552	64	39033	5.298	ug/L	99
9) Trichlorofluoromethane	1.716	101	84314	5.720	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	46892	5.661	ug/L	98
12) 1,1-Dichloroethene	2.073	96	44674	5.435	ug/L	94
13) Acetone	2.140	43	52520	41.495	ug/L	93
14) Carbon disulfide	2.243	76	158972	5.227	ug/L	99
15) Methyl Acetate	2.388	43	14838	4.905	ug/L	95
16) Methylene chloride	2.449	84	49600	5.113	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	94088	5.055	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	49899	5.374	ug/L	96
19) 1,1-Dichloroethane	3.111	63	96888	5.251	ug/L	97
21) 2-Butanone	3.896	43	75968	43.240	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	52059	5.354	ug/L	97
23) Bromochloromethane	4.150	128	18456	5.205	ug/L	95
25) Chloroform	4.275	83	91539	5.403	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	51498	5.335	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	83973	5.503	ug/L	100
30) Cyclohexane	4.584	56	94321	5.157	ug/L	98
31) Carbon tetrachloride	4.735	117	72531	5.575	ug/L	98
33) Benzene	5.011	78	201523	5.275	ug/L	100
34) Trichloroethene	5.834	95	52776	5.189	ug/L	98
35) Methylcyclohexane	6.050	83	91459	5.313	ug/L	98
37) 1,2-Dichloropropane	6.095	63	48846	5.148	ug/L	100
38) Bromodichloromethane	6.432	83	60351	5.218	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	69471	5.127	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	212105	48.627	ug/L	98
42) Toluene	7.313	91	214550	5.309	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	54355	4.977	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	26366	5.002	ug/L	96
47) Tetrachloroethene	7.905	164	40313	5.517	ug/L	98
48) 2-Hexanone	8.079	43	140101	43.844	ug/L	97
49) Dibromochloromethane	8.175	129	34020	5.183	ug/L	99
50) 1,2-Dibromoethane	8.284	107	25432	5.227	ug/L	98
51) Chlorobenzene	8.812	112	130937	5.290	ug/L	98
52) Ethylbenzene	8.944	91	248936	5.314	ug/L	99
53) m,p-Xylene	9.072	106	89497	5.186	ug/L	96
54) o-Xylene	9.477	106	88997	5.299	ug/L	100
55) Styrene	9.497	104	141371	5.282	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	29252	5.056	ug/L	97
59) Bromoform	9.667	173	16883	5.152	ug/L	99
60) Isopropylbenzene	9.866	105	231348	5.385	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	22160	5.091	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	201717	5.434	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	206819	5.519	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	101974	5.367	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	97016	5.215	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	85307	5.166	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	4646	4.857	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	79289	5.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	58390	4.751	ug/L	100
71) Naphthalene	13.442	128	64652	3.152	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	43862	4.450	ug/L	98

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

