

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037418.D
 Acq On : 20 Sep 2024 08:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Sep 20 23:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	311482	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	320476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	168729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	93803	5.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.529	69	82264	4.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.053	65	44409	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.822	46	258287	47.295	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.580%
24) Chloroform-d	4.240	84	211396	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.937	65	98604	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.953	84	398381	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.982	67	122656	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.236	98	371440	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	41977	4.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.024	63	222730	51.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	102930	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	130754	4.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	147073	5.083	ug/L	99
3) Chloromethane	1.214	50	142854	4.627	ug/L	100
5) Vinyl chloride	1.278	62	151395	4.990	ug/L	97
6) Bromomethane	1.484	94	76856	4.222	ug/L	98
8) Chloroethane	1.545	64	97344	5.335	ug/L	100
9) Trichlorofluoromethane	1.709	101	203887	5.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	120127	5.255	ug/L	97
12) 1,1-Dichloroethene	2.063	96	115552	5.294	ug/L	98
13) Acetone	2.159	43	190067	49.984	ug/L	64
14) Carbon disulfide	2.233	76	357981	5.201	ug/L	100
15) Methyl Acetate	2.388	43	42385	4.867	ug/L	99
16) Methylene chloride	2.439	84	131048	5.222	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	271802	5.238	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	124512	5.422	ug/L	99
19) 1,1-Dichloroethane	3.105	63	233302	5.320	ug/L	99
21) 2-Butanone	3.896	43	268322	46.428	ug/L	94
22) cis-1,2-Dichloroethene	3.806	96	131642	5.302	ug/L	98
23) Bromochloromethane	4.140	128	60967	5.670	ug/L	96
25) Chloroform	4.265	83	240600	5.446	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	140772	5.631	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	203112	5.345	ug/L	99
30) Cyclohexane	4.571	56	178912	4.853	ug/L	98
31) Carbon tetrachloride	4.725	117	171204	5.293	ug/L	100
33) Benzene	5.002	78	508122	5.262	ug/L	100
34) Trichloroethene	5.828	95	141150	5.425	ug/L	98
35) Methylcyclohexane	6.043	83	199279	5.038	ug/L	98
37) 1,2-Dichloropropane	6.085	63	128298	5.222	ug/L	100
38) Bromodichloromethane	6.426	83	160271	5.211	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	168880	4.746	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	722828	51.392	ug/L	96
42) Toluene	7.307	91	540265	5.379	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	134062	4.669	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	96483	5.487	ug/L	98
47) Tetrachloroethene	7.899	164	98650	5.297	ug/L	99
48) 2-Hexanone	8.072	43	522233	50.801	ug/L	99
49) Dibromochloromethane	8.169	129	95275	5.172	ug/L	95
50) 1,2-Dibromoethane	8.278	107	90751	5.463	ug/L	97
51) Chlorobenzene	8.809	112	353054	5.279	ug/L	99
52) Ethylbenzene	8.940	91	579068	5.166	ug/L	99
53) m,p-Xylene	9.066	106	220469	5.345	ug/L	99
54) o-Xylene	9.471	106	215213	5.270	ug/L	99
55) Styrene	9.490	104	374684	5.412	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	117229	5.519	ug/L	95
59) Bromoform	9.661	173	47062	4.768	ug/L	100
60) Isopropylbenzene	9.860	105	575536	5.096	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	79742	5.194	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	461113	5.149	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	459696	5.110	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	275167	5.154	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	280641	5.126	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	255228	5.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	15359	4.824	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	191814	5.038	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	154803	4.939	ug/L	100
71) Naphthalene	13.435	128	208910	4.362	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	134058	5.169	ug/L	97

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

