

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013024\
 Data File : VW033909.D
 Acq On : 30 Jan 2024 15:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Jan 30 15:51:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	102468	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	91830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	47238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34215	4.311	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.532	69	31890	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.059	65	15862	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.821	46	61904	46.446	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.900%
24) Chloroform-d	4.246	84	69141	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.940	65	31223	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.956	84	130055	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	5.985	67	35741	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.239	98	116926	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.554	79	12878	4.428	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.024	63	46693	44.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.960%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21734	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	40913	4.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	53366	5.683	ug/L	99
3) Chloromethane	1.214	50	51334	5.012	ug/L	98
5) Vinyl chloride	1.281	62	51881	5.301	ug/L	98
6) Bromomethane	1.487	94	24469	4.747	ug/L	97
8) Chloroethane	1.551	64	32897	4.927	ug/L	98
9) Trichlorofluoromethane	1.715	101	77597	5.502	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40546	5.499	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38028	5.312	ug/L	96
13) Acetone	2.156	43	50973m	50.412	ug/L	
14) Carbon disulfide	2.240	76	123659	5.339	ug/L	100
15) Methyl Acetate	2.387	43	10383	4.339	ug/L	99
16) Methylene chloride	2.445	84	36277	5.282	ug/L	100
17) Methyl tert-butyl Ether	2.703	73	75667	5.145	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	38950	5.342	ug/L	96
19) 1,1-Dichloroethane	3.111	63	72397	5.404	ug/L	98
21) 2-Butanone	3.899	43	63490	47.515	ug/L #	55
22) cis-1,2-Dichloroethene	3.812	96	41079	4.966	ug/L	97
23) Bromochloromethane	4.146	128	15638	5.438	ug/L	95
25) Chloroform	4.272	83	72473	5.351	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	40880	5.272	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	68926	5.591	ug/L	98
30) Cyclohexane	4.577	56	66196	5.521	ug/L	99
31) Carbon tetrachloride	4.731	117	59601	5.525	ug/L	96
33) Benzene	5.008	78	152715	5.545	ug/L	100
34) Trichloroethene	5.831	95	41987	5.267	ug/L	99
35) Methylcyclohexane	6.046	83	69216	5.532	ug/L	98
37) 1,2-Dichloropropane	6.091	63	35259	5.285	ug/L	100
38) Bromodichloromethane	6.432	83	47364	5.408	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	53486	5.269	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	162612	50.898	ug/L	100
42) Toluene	7.313	91	163185	5.544	ug/L	96
44) trans-1,3-Dichloropropene	7.580	75	42198	5.414	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	21628	5.250	ug/L	96
47) Tetrachloroethene	7.902	164	32961	5.089	ug/L	96
48) 2-Hexanone	8.075	43	112924	50.144	ug/L	100
49) Dibromochloromethane	8.175	129	26299	5.372	ug/L	98
50) 1,2-Dibromoethane	8.284	107	19836	5.364	ug/L	96
51) Chlorobenzene	8.812	112	101733	5.466	ug/L	100
52) Ethylbenzene	8.943	91	189192	5.583	ug/L	100
53) m,p-Xylene	9.072	106	71954	5.620	ug/L	95
54) o-Xylene	9.477	106	66904	5.419	ug/L	100
55) Styrene	9.493	104	109045	5.516	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	22311	5.131	ug/L	98
59) Bromoform	9.664	173	13627	5.237	ug/L	100
60) Isopropylbenzene	9.866	105	189648	5.426	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	15760	4.853	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	157312	5.324	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	154691	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	82150	5.390	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	79145	5.244	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	70476	5.384	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3782	5.557	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	64651	5.481	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	48787	5.299	ug/L	100
71) Naphthalene	13.438	128	56573	4.689	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	38445	5.211	ug/L	98

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

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