

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022424\
 Data File : VW034403.D
 Acq On : 24 Feb 2024 17:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

Quant Time: Feb 26 00:37:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	87603	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31070	4.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.536	69	26566	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	14508	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.835	46	53751	47.172	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.340%
24) Chloroform-d	4.253	84	60279	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.947	65	28126	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	109882	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	5.992	67	30634	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.243	98	100660	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.558	79	8160	3.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.027	63	39717	44.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19565	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	34731	4.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	29998	3.737	ug/L	98
3) Chloromethane	1.217	50	35179	4.017	ug/L	99
5) Vinyl chloride	1.285	62	35235	4.211	ug/L	95
6) Bromomethane	1.491	94	12529	2.843	ug/L	99
8) Chloroethane	1.552	64	26832	4.700	ug/L	91
9) Trichlorofluoromethane	1.716	101	58168	4.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	30128	4.780	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29978	4.898	ug/L	90
13) Acetone	2.153	43	43560	50.390	ug/L #	50
14) Carbon disulfide	2.243	76	76150	3.846	ug/L	99
15) Methyl Acetate	2.394	43	9536	4.661	ug/L	96
16) Methylene chloride	2.449	84	30133	5.132	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	64146	5.101	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	30052	4.821	ug/L	97
19) 1,1-Dichloroethane	3.114	63	58889	5.141	ug/L	99
21) 2-Butanone	3.902	43	57650	50.466	ug/L #	63
22) cis-1,2-Dichloroethene	3.818	96	32643	4.616	ug/L	97
23) Bromochloromethane	4.153	128	12892	5.244	ug/L	92
25) Chloroform	4.281	83	59311	5.123	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	35190	5.308	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	54942	5.192	ug/L	99
30) Cyclohexane	4.584	56	45235	4.396	ug/L	96
31) Carbon tetrachloride	4.738	117	47300	5.109	ug/L	98
33) Benzene	5.011	78	121001	5.119	ug/L	100
34) Trichloroethene	5.834	95	31996	4.677	ug/L	97
35) Methylcyclohexane	6.050	83	47587	4.431	ug/L	99
37) 1,2-Dichloropropane	6.095	63	28055	4.899	ug/L	100
38) Bromodichloromethane	6.436	83	36851	4.903	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	31683	3.636	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	143865	52.467	ug/L	99
42) Toluene	7.317	91	129397	5.122	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	23071	3.449	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	18293	5.174	ug/L	97
47) Tetrachloroethene	7.905	164	25496	4.587	ug/L	95
48) 2-Hexanone	8.079	43	101223	52.371	ug/L	98
49) Dibromochloromethane	8.175	129	20109	4.786	ug/L	97
50) 1,2-Dibromoethane	8.284	107	16719	5.268	ug/L #	95
51) Chlorobenzene	8.815	112	81277	5.088	ug/L	98
52) Ethylbenzene	8.947	91	144868	4.981	ug/L	100
53) m,p-Xylene	9.072	106	54622	4.970	ug/L	95
54) o-Xylene	9.477	106	54017	5.097	ug/L	99
55) Styrene	9.497	104	84239	4.965	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	21223	5.687	ug/L	95
59) Bromoform	9.667	173	8220	3.568	ug/L	100
60) Isopropylbenzene	9.866	105	138913	4.489	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	15235	5.299	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	120196	4.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	119309	4.693	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	66560	4.933	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	65101	4.872	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	57698	4.979	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2785	4.622	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	48277	4.623	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	39148	4.802	ug/L	97
71) Naphthalene	13.442	128	54193	5.073	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	32671	5.002	ug/L	97

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

