

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041724\
 Data File : VW035268.D
 Acq On : 17 Apr 2024 15:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005392

Quant Time: Apr 18 00:43:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 00:40:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	199862	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	205978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	108734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53635	2.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.532	69	46390	3.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.800%#
11) 1,1-Dichloroethene-d2	2.056	65	23272	2.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.831	46	117600	37.152	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.300%
24) Chloroform-d	4.249	84	116048	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	4.944	65	51334	3.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	4.960	84	208131	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	5.989	67	63031	3.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.200%
41) Toluene-d8	7.239	98	191725	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.558	79	21747	3.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.027	63	85674	31.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.340%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	50965	3.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	67946	3.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	103258	5.458	ug/L	100
3) Chloromethane	1.214	50	104206	4.722	ug/L	99
5) Vinyl chloride	1.281	62	105420	4.870	ug/L	100
6) Bromomethane	1.487	94	49971	4.028	ug/L	98
8) Chloroethane	1.548	64	65235	4.895	ug/L	98
9) Trichlorofluoromethane	1.712	101	129607	5.025	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78232	4.940	ug/L	98
12) 1,1-Dichloroethene	2.066	96	74271	4.895	ug/L	83
13) Acetone	2.159	43	107614	50.451	ug/L	75
14) Carbon disulfide	2.236	76	249353	5.210	ug/L	100
15) Methyl Acetate	2.391	43	30837	5.488	ug/L	99
16) Methylene chloride	2.445	84	94897	4.966	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	167884	4.902	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	83081	5.359	ug/L	96
19) 1,1-Dichloroethane	3.108	63	163773	5.252	ug/L	99
21) 2-Butanone	3.905	43	142098	40.700	ug/L #	67
22) cis-1,2-Dichloroethene	3.812	96	83542	5.241	ug/L	96
23) Bromochloromethane	4.149	128	38513	5.342	ug/L	93
25) Chloroform	4.275	83	162187	5.349	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	90426	5.086	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	137536	5.306	ug/L	98
30) Cyclohexane	4.580	56	121082	4.903	ug/L	97
31) Carbon tetrachloride	4.731	117	116970	5.288	ug/L	100
33) Benzene	5.008	78	340360	5.257	ug/L	100
34) Trichloroethene	5.831	95	88664	5.206	ug/L	97
35) Methylcyclohexane	6.047	83	130949	5.104	ug/L	99
37) 1,2-Dichloropropane	6.092	63	92038	5.375	ug/L	99
38) Bromodichloromethane	6.432	83	107373	5.151	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	108263	4.757	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	395659	43.860	ug/L #	98
42) Toluene	7.313	91	365272	5.439	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	87643	4.763	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	59378	4.998	ug/L	97
47) Tetrachloroethene	7.902	164	72290	5.351	ug/L	99
48) 2-Hexanone	8.075	43	286221	42.890	ug/L	98
49) Dibromochloromethane	8.175	129	61029	4.973	ug/L	100
50) 1,2-Dibromoethane	8.281	107	55689	4.991	ug/L	95
51) Chlorobenzene	8.812	112	225268	5.183	ug/L	98
52) Ethylbenzene	8.943	91	371972	5.170	ug/L	100
53) m,p-Xylene	9.072	106	141648	5.344	ug/L	95
54) o-Xylene	9.477	106	134025	5.239	ug/L	92
55) Styrene	9.493	104	237871	5.526	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	69837	4.797	ug/L	98
59) Bromoform	9.664	173	29814	4.603	ug/L	97
60) Isopropylbenzene	9.866	105	363029	5.197	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	49262	4.512	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	280744	4.977	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	281445	5.050	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	183815	5.229	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	185876	5.062	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	163012	4.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	8693	4.034	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	137192	5.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	103526	4.652	ug/L	99
71) Naphthalene	13.438	128	113605	3.553	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	91867	4.650	ug/L	99

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

