

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035226.D
 Acq On : 16 Apr 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

Quant Time: Apr 17 02:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:33:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	192490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89156	4.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.532	69	71192	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.056	65	38147	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.828	46	148103	48.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	4.246	84	146151	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	4.944	65	68432	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.957	84	285699	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	5.985	67	86937	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.239	98	260743	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.555	79	28690	4.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.027	63	110761	43.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	62626	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	83482	4.819	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	97891	5.372	ug/L	100
3) Chloromethane	1.214	50	114063	5.367	ug/L	98
5) Vinyl chloride	1.281	62	113837	5.460	ug/L	98
6) Bromomethane	1.487	94	58567	4.902	ug/L	97
8) Chloroethane	1.548	64	68260	5.318	ug/L	99
9) Trichlorofluoromethane	1.712	101	133099	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	79862	5.236	ug/L	100
12) 1,1-Dichloroethene	2.069	96	77872	5.329	ug/L	89
13) Acetone	2.153	43	109772	53.434	ug/L	87
14) Carbon disulfide	2.240	76	250994	5.445	ug/L	100
15) Methyl Acetate	2.391	43	32568	6.018	ug/L	94
16) Methylene chloride	2.445	84	99016	5.380	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	167237	5.070	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	77995	5.223	ug/L	99
19) 1,1-Dichloroethane	3.111	63	163967	5.460	ug/L	99
21) 2-Butanone	3.908	43	151520	45.061	ug/L #	66
22) cis-1,2-Dichloroethene	3.812	96	82413	5.368	ug/L	98
23) Bromochloromethane	4.146	128	36678	5.283	ug/L	98
25) Chloroform	4.272	83	157901	5.407	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	93820	5.479	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	131612	5.419	ug/L	99
30) Cyclohexane	4.580	56	118487	5.120	ug/L	99
31) Carbon tetrachloride	4.731	117	113262	5.465	ug/L	99
33) Benzene	5.008	78	334111	5.507	ug/L	100
34) Trichloroethene	5.831	95	84229	5.278	ug/L	97
35) Methylcyclohexane	6.047	83	118558	4.932	ug/L	99
37) 1,2-Dichloropropane	6.092	63	88294	5.503	ug/L	99
38) Bromodichloromethane	6.432	83	104392	5.344	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	103361	4.846	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	421059	49.812	ug/L	97
42) Toluene	7.313	91	348531	5.539	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	84329	4.891	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	57127	5.131	ug/L	97
47) Tetrachloroethene	7.902	164	64275	5.077	ug/L	97
48) 2-Hexanone	8.075	43	299770	47.938	ug/L	99
49) Dibromochloromethane	8.175	129	59583	5.181	ug/L	98
50) 1,2-Dibromoethane	8.281	107	53094	5.078	ug/L	96
51) Chlorobenzene	8.812	112	214247	5.261	ug/L	98
52) Ethylbenzene	8.944	91	354730	5.261	ug/L	99
53) m,p-Xylene	9.072	106	132467	5.333	ug/L	98
54) o-Xylene	9.477	106	126746	5.287	ug/L	96
55) Styrene	9.493	104	225374	5.588	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	66655	4.886	ug/L	99
59) Bromoform	9.664	173	30417	5.239	ug/L	98
60) Isopropylbenzene	9.863	105	342757	5.474	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	48645	4.971	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	263377	5.210	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	267860	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	168042	5.333	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	169714	5.156	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	152251	5.204	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	8856	4.585	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	119066	4.978	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	92446	4.634	ug/L	97
71) Naphthalene	13.439	128	109840	3.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	83390	4.709	ug/L	100

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

