

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034282.D
 Acq On : 20 Feb 2024 20:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Feb 21 01:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23578	4.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.535	69	22137	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.059	65	12517	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.828	46	50012m	50.975	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	4.252	84	51561	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.947	65	24520	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.963	84	93090	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.989	67	25235	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.246	98	87296	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.558	79	9683	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.030	63	36062	45.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16883	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	30791	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	27640	3.999	ug/L	99
3) Chloromethane	1.217	50	32967	4.372	ug/L	98
5) Vinyl chloride	1.285	62	32819	4.555	ug/L	97
6) Bromomethane	1.490	94	13326	3.512	ug/L	97
8) Chloroethane	1.551	64	21984	4.473	ug/L	95
9) Trichlorofluoromethane	1.715	101	57282	5.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29319	5.402	ug/L	99
12) 1,1-Dichloroethene	2.069	96	28968	5.497	ug/L	98
13) Acetone	2.153	43	39865	53.559	ug/L	94
14) Carbon disulfide	2.240	76	81310	4.769	ug/L	98
15) Methyl Acetate	2.391	43	8120	4.610	ug/L	97
16) Methylene chloride	2.449	84	27394	5.418	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	59324	5.479	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28141	5.243	ug/L	99
19) 1,1-Dichloroethane	3.114	63	51631	5.235	ug/L	96
21) 2-Butanone	3.915	43	46803	47.583	ug/L #	46
22) cis-1,2-Dichloroethene	3.818	96	29422	4.832	ug/L	96
23) Bromochloromethane	4.153	128	11874	5.609	ug/L	91
25) Chloroform	4.278	83	54659	5.483	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31019	5.434	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	50946	5.412	ug/L	99
30) Cyclohexane	4.584	56	42271	4.617	ug/L	94
31) Carbon tetrachloride	4.738	117	44781	5.437	ug/L	97
33) Benzene	5.011	78	108082	5.140	ug/L	100
34) Trichloroethene	5.834	95	28786	4.730	ug/L	97
35) Methylcyclohexane	6.050	83	44708	4.680	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24737	4.856	ug/L	99
38) Bromodichloromethane	6.436	83	35022	5.237	ug/L	95
39) cis-1,3-Dichloropropene	6.956	75	36944	4.766	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	126974	52.053	ug/L	99
42) Toluene	7.317	91	118323	5.264	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	28836	4.845	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	16251	5.167	ug/L	94
47) Tetrachloroethene	7.905	164	24013	4.856	ug/L	95
48) 2-Hexanone	8.079	43	87672	50.988	ug/L	100
49) Dibromochloromethane	8.178	129	20183	5.400	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15027	5.323	ug/L #	91
51) Chlorobenzene	8.815	112	75774	5.332	ug/L	98
52) Ethylbenzene	8.947	91	135124	5.223	ug/L	99
53) m,p-Xylene	9.072	106	51130	5.230	ug/L	97
54) o-Xylene	9.477	106	49862	5.289	ug/L	96
55) Styrene	9.496	104	78696	5.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	17635	5.312	ug/L	97
59) Bromoform	9.667	173	9221	4.687	ug/L	99
60) Isopropylbenzene	9.866	105	130256	4.929	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12839	5.229	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	113472	5.079	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	111396	5.132	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	59882	5.197	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	57089	5.003	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	53919	5.449	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2916	5.667	ug/L	87
69) 1,3,5-Trichlorobenzene	12.583	180	44422	4.982	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	34935	5.019	ug/L	98
71) Naphthalene	13.438	128	45786	5.020	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	28801	5.163	ug/L	99

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

