

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033977.D
 Acq On : 05 Feb 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Feb 06 05:07:32 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	94760	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	88294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	44489	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31959	4.355	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.532	69	28106	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.060	65	15754	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.847	46	50375	40.870	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.740%
24) Chloroform-d	4.249	84	61604	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	28606	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.960	84	118770	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.989	67	31598	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.243	98	108528	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.555	79	12203	4.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.030	63	39260	39.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19309	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	36638	4.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	45080	5.191	ug/L	99
3) Chloromethane	1.214	50	45493	4.803	ug/L	98
5) Vinyl chloride	1.285	62	45450	5.021	ug/L	91
6) Bromomethane	1.491	94	25229	5.293	ug/L	96
8) Chloroethane	1.552	64	28066	4.545	ug/L	98
9) Trichlorofluoromethane	1.716	101	69635	5.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36433	5.343	ug/L	98
12) 1,1-Dichloroethene	2.069	96	34659	5.236	ug/L	96
13) Acetone	2.153	43	40786m	43.618	ug/L	
14) Carbon disulfide	2.240	76	106130	4.955	ug/L	99
15) Methyl Acetate	2.397	43	9804	4.430	ug/L	99
16) Methylene chloride	2.449	84	32948	5.187	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	71596	5.264	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	32937	4.885	ug/L	93
19) 1,1-Dichloroethane	3.111	63	64484	5.205	ug/L	97
21) 2-Butanone	3.908	43	55174	44.650	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	36714	4.799	ug/L	94
23) Bromochloromethane	4.150	128	14505	5.454	ug/L	93
25) Chloroform	4.275	83	64392	5.141	ug/L	96

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27) 1,2-Dichloroethane	5.043	62	37460	5.224	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	61541	5.192	ug/L	98
30) Cyclohexane	4.580	56	58221	5.050	ug/L	99
31) Carbon tetrachloride	4.735	117	54542	5.258	ug/L	98
33) Benzene	5.011	78	134897	5.094	ug/L	100
34) Trichloroethene	5.831	95	37622	4.909	ug/L	96
35) Methylcyclohexane	6.050	83	60842	5.057	ug/L	99
37) 1,2-Dichloropropane	6.092	63	31759	4.951	ug/L	99
38) Bromodichloromethane	6.432	83	43666	5.186	ug/L	96
39) cis-1,3-Dichloropropene	6.953	75	50212	5.144	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	154148	50.181	ug/L	99
42) Toluene	7.313	91	147779	5.221	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	39013	5.206	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	20339	5.135	ug/L	98
47) Tetrachloroethene	7.905	164	29622	4.757	ug/L	97
48) 2-Hexanone	8.079	43	108312	50.022	ug/L	98
49) Dibromochloromethane	8.175	129	24747	5.257	ug/L	95
50) 1,2-Dibromoethane	8.281	107	19199	5.400	ug/L	99
51) Chlorobenzene	8.812	112	93907	5.248	ug/L	99
52) Ethylbenzene	8.944	91	170085	5.221	ug/L	100
53) m,p-Xylene	9.072	106	63852	5.186	ug/L	97
54) o-Xylene	9.477	106	61476	5.178	ug/L	99
55) Styrene	9.497	104	101002	5.314	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	21182	5.067	ug/L	96
59) Bromoform	9.664	173	13215	5.392	ug/L	99
60) Isopropylbenzene	9.866	105	174058	5.288	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	15547	5.083	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	144956	5.209	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	141334	5.227	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	75642	5.270	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	74418	5.236	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	65001	5.273	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	3372	5.261	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	60154	5.415	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	46143	5.321	ug/L	97
71) Naphthalene	13.439	128	60203	5.298	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38033	5.474	ug/L	100

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

