

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040324\
 Data File : VW034962.D
 Acq On : 03 Apr 2024 17:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

Quant Time: Apr 04 02:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/09/2024
 Supervised By :Semsettin Yesilyurt 04/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	177408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72206	4.939	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.532	69	60253	4.998	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.060	65	33504	5.045	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	3.847	46	142481	62.283	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.560%	
24) Chloroform-d	4.249	84	127740	5.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.000%	
26) 1,2-Dichloroethane-d4	4.944	65	61322	5.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	4.960	84	250851	5.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
36) 1,2-Dichloropropane-d6	5.989	67	76786	5.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.200%	
41) Toluene-d8	7.243	98	233119	5.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
43) trans-1,3-Dichloroprop...	7.558	79	26696	5.489	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	109.800%	
46) 2-Hexanone-d5	8.030	63	104387	62.540	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.080%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	55987	5.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	77614	5.305	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	65197	4.775	ug/L	98
3) Chloromethane	1.214	50	82316	4.971	ug/L	99
5) Vinyl chloride	1.281	62	86822	4.902	ug/L	100
6) Bromomethane	1.487	94	47913	4.738	ug/L	99
8) Chloroethane	1.548	64	56010	4.919	ug/L	99
9) Trichlorofluoromethane	1.712	101	114577	4.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	69193	4.797	ug/L	99
12) 1,1-Dichloroethene	2.069	96	66277	4.921	ug/L	97
13) Acetone	2.159	43	99188m	59.437	ug/L	
14) Carbon disulfide	2.240	76	191323	4.768	ug/L	100
15) Methyl Acetate	2.391	43	28393	6.164	ug/L	96
16) Methylene chloride	2.445	84	74866	5.066	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	162134	5.590	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	67247	5.037	ug/L	94
19) 1,1-Dichloroethane	3.111	63	136252	5.173	ug/L	98
21) 2-Butanone	3.912	43	144900	54.176	ug/L #	75
22) cis-1,2-Dichloroethene	3.815	96	73203	5.236	ug/L	95
23) Bromochloromethane	4.150	128	31063	5.291	ug/L	96
25) Chloroform	4.278	83	134589	5.145	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	80889	5.495	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	109604	5.015	ug/L	98
30) Cyclohexane	4.580	56	98710	4.903	ug/L	99
31) Carbon tetrachloride	4.735	117	93507	5.000	ug/L	98
33) Benzene	5.011	78	283462	5.192	ug/L	100
34) Trichloroethene	5.834	95	72670	5.109	ug/L	98
35) Methylcyclohexane	6.050	83	105240	4.858	ug/L	99
37) 1,2-Dichloropropane	6.092	63	74486	5.262	ug/L	100
38) Bromodichloromethane	6.432	83	90668	5.078	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	97229	5.114	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	370520	58.016	ug/L	98
42) Toluene	7.317	91	303764	5.293	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	82943	5.262	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	50773	5.459	ug/L	97
47) Tetrachloroethene	7.905	164	55086	5.155	ug/L	96
48) 2-Hexanone	8.079	43	280562	58.192	ug/L	98
49) Dibromochloromethane	8.175	129	58706	5.363	ug/L	97
50) 1,2-Dibromoethane	8.284	107	48553	5.545	ug/L	99
51) Chlorobenzene	8.815	112	188588	5.087	ug/L	99
52) Ethylbenzene	8.947	91	314433	5.073	ug/L	99
53) m,p-Xylene	9.072	106	116362	5.113	ug/L	99
54) o-Xylene	9.477	106	114333	5.120	ug/L	100
55) Styrene	9.497	104	192962	5.375	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	61341	5.518	ug/L	98
59) Bromoform	9.667	173	30678	5.314	ug/L	99
60) Isopropylbenzene	9.866	105	289102	4.980	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	46518	5.365	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	226329	4.746	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	240363	4.968	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	149699	5.053	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	150818	5.083	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	139812	5.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	9214	5.169	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	107047	4.812	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	143895	8.327	ug/L	99
71) Naphthalene	13.439	128	123730	5.095	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	93232	6.135	ug/L	99

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

