

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080823\
 Data File : VW031789.D
 Acq On : 08 Aug 2023 16:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Aug 09 01:35:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/09/2023
 Supervised By : Mahesh
 Dadoda

08/09/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	189156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	208662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118652	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64796	3.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.532	69	65333	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.056	65	37579	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.818	46	216361	50.556	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	4.256	84	178516	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.950	65	90800	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.966	84	300748	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	5.995	67	102519	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.249	98	292361	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.561	79	33867	4.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.034	63	152292	47.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	75859	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	105759	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	97817	4.761	ug/L	99
3) Chloromethane	1.217	50	87351	4.104	ug/L	96
5) Vinyl chloride	1.282	62	89890	4.420	ug/L	# 29
6) Bromomethane	1.487	94	58783	4.728	ug/L	96
8) Chloroethane	1.548	64	52357	4.437	ug/L	100
9) Trichlorofluoromethane	1.712	101	145095	4.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	80963	5.016	ug/L	95
12) 1,1-Dichloroethene	2.069	96	69327	4.698	ug/L	88
13) Acetone	2.150	43	143394	52.664	ug/L	100
14) Carbon disulfide	2.240	76	194821	4.252	ug/L	99
15) Methyl Acetate	2.391	43	32314m	5.548	ug/L	
16) Methylene chloride	2.449	84	92770	4.731	ug/L	89
17) Methyl tert-butyl Ether	2.709	73	134591	4.963	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	61970	4.856	ug/L	96
19) 1,1-Dichloroethane	3.114	63	131620	4.717	ug/L	95
21) 2-Butanone	3.902	43	175018	49.384	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	63204	5.010	ug/L	94
23) Bromochloromethane	4.156	128	33462	5.268	ug/L	88
25) Chloroform	4.281	83	143505	5.229	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	84166	4.876	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	124995	4.960	ug/L	99
30) Cyclohexane	4.587	56	82327	4.493	ug/L	98
31) Carbon tetrachloride	4.741	117	108251	4.868	ug/L	98
33) Benzene	5.015	78	259209	4.891	ug/L	100
34) Trichloroethene	5.838	95	74259	4.938	ug/L	92
35) Methylcyclohexane	6.056	83	84391	4.522	ug/L	94
37) 1,2-Dichloropropane	6.098	63	74254	4.881	ug/L #	98
38) Bromodichloromethane	6.439	83	96019	4.753	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	83179	4.392	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	398126	48.956	ug/L	97
42) Toluene	7.320	91	278208	5.435	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	83937	5.081	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	56753	5.021	ug/L	97
47) Tetrachloroethene	7.912	164	56225	5.416	ug/L	98
48) 2-Hexanone	8.082	43	342658	57.503	ug/L	98
49) Dibromochloromethane	8.182	129	65018	5.355	ug/L	97
50) 1,2-Dibromoethane	8.288	107	53898	5.099	ug/L	98
51) Chlorobenzene	8.818	112	167393	4.958	ug/L	92
52) Ethylbenzene	8.953	91	249297	4.912	ug/L	98
53) m,p-Xylene	9.079	106	95157	5.073	ug/L	98
54) o-Xylene	9.484	106	88009	5.058	ug/L	90
55) Styrene	9.503	104	163742	4.987	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	53259	4.452	ug/L #	99
59) Bromoform	9.670	173	34238	4.322	ug/L	99
60) Isopropylbenzene	9.873	105	242424	4.612	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	49248	4.670	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	185686	4.379	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	180286	4.260	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	144027	5.085	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	149160	4.975	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	136736	5.037	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	9945	4.589	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.587	180	102384	4.942	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	80348	4.895	ug/L	98
71) Naphthalene	13.445	128	114505	4.324	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	71684	4.729	ug/L	97

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

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