

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021624\
 Data File : VW034206.D
 Acq On : 16 Feb 2024 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Quant Time: Feb 19 00:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	73687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	67911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25373	4.446	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.000%	
7) Chloroethane-d5	1.532	69	21106	4.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.060	65	13003	4.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	3.812	46	39644m	41.362	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.720%	
24) Chloroform-d	4.249	84	47623	4.592	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	4.944	65	22729	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	4.960	84	87229	4.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	5.989	67	22029	3.868	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.400%	
41) Toluene-d8	7.243	98	84942	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.555	79	9186	4.271	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.027	63	27406	35.698	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.400%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	13645	3.952	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28661	4.469	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	25824	3.824	ug/L	100
3) Chloromethane	1.214	50	29467	4.001	ug/L	97
5) Vinyl chloride	1.285	62	30477	4.330	ug/L	90
6) Bromomethane	1.490	94	15240	4.112	ug/L	100
8) Chloroethane	1.552	64	19396	4.039	ug/L	100
9) Trichlorofluoromethane	1.712	101	54267	5.350	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28027	5.286	ug/L	98
12) 1,1-Dichloroethene	2.069	96	26288	5.107	ug/L	97
13) Acetone	2.137	43	33914m	46.641	ug/L	
14) Carbon disulfide	2.240	76	73208	4.395	ug/L	98
15) Methyl Acetate	2.381	43	8352m	4.853	ug/L	
16) Methylene chloride	2.445	84	23967	4.852	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	50229	4.749	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	24498	4.672	ug/L	96
19) 1,1-Dichloroethane	3.111	63	45074	4.679	ug/L	94
21) 2-Butanone	3.899	43	45790m	47.654	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	25840	4.344	ug/L	98
23) Bromochloromethane	4.146	128	10027	4.849	ug/L	91
25) Chloroform	4.275	83	47090	4.835	ug/L	98

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27) 1,2-Dichloroethane	5.047	62	27314	4.898	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	46105	5.057	ug/L	99
30) Cyclohexane	4.580	56	37593	4.240	ug/L	95
31) Carbon tetrachloride	4.735	117	42259	5.297	ug/L	99
33) Benzene	5.008	78	95885	4.707	ug/L	100
34) Trichloroethene	5.834	95	26424	4.482	ug/L	98
35) Methylcyclohexane	6.050	83	42066	4.546	ug/L	97
37) 1,2-Dichloropropane	6.092	63	21340	4.325	ug/L	98
38) Bromodichloromethane	6.432	83	31573	4.875	ug/L	96
39) cis-1,3-Dichloropropene	6.953	75	34085	4.540	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	102871	43.540	ug/L	97
42) Toluene	7.313	91	106654	4.899	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	27813	4.825	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	13848	4.545	ug/L	92
47) Tetrachloroethene	7.902	164	21461	4.480	ug/L	98
48) 2-Hexanone	8.079	43	71929	43.189	ug/L	99
49) Dibromochloromethane	8.175	129	17900	4.944	ug/L	99
50) 1,2-Dibromoethane	8.284	107	12856	4.701	ug/L #	94
51) Chlorobenzene	8.815	112	66204	4.810	ug/L	97
52) Ethylbenzene	8.944	91	121412	4.845	ug/L	99
53) m,p-Xylene	9.072	106	45681	4.824	ug/L	99
54) o-Xylene	9.477	106	44774	4.904	ug/L	99
55) Styrene	9.497	104	71899	4.918	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	14784	4.598	ug/L	94
59) Bromoform	9.667	173	8897	4.580	ug/L	98
60) Isopropylbenzene	9.866	105	116216	4.454	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	10844	4.473	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	102768	4.659	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	102556	4.785	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	55323	4.862	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	53130	4.716	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	47059	4.816	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2281	4.489	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	41941	4.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	33603	4.889	ug/L	96
71) Naphthalene	13.442	128	43519	4.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26707	4.849	ug/L	98

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

