

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034925.D
 Acq On : 02 Apr 2024 11:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV251

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 03 05:14:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	220088	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	211496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	107413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84756	4.673	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.532	69	68732	4.596	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.059	65	38056	4.620	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	3.812	46	139113m	49.018	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.040%	
24) Chloroform-d	4.249	84	139239	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	4.944	65	62143	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	4.960	84	276477	4.997	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	5.989	67	81939	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.243	98	256135	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.554	79	29065	5.039	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	8.027	63	101183	51.110	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.220%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	55436	4.893	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	83898	4.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	84588	4.994	ug/L	100
3) Chloromethane	1.214	50	99452	4.841	ug/L	100
5) Vinyl chloride	1.281	62	108301	4.929	ug/L	100
6) Bromomethane	1.490	94	59971	4.781	ug/L	97
8) Chloroethane	1.551	64	69003	4.885	ug/L	100
9) Trichlorofluoromethane	1.712	101	147857	5.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	88632	4.954	ug/L	99
12) 1,1-Dichloroethene	2.069	96	81884	4.900	ug/L	98
13) Acetone	2.133	43	103893m	50.184	ug/L	
14) Carbon disulfide	2.240	76	244056	4.903	ug/L	99
15) Methyl Acetate	2.384	43	25984	4.547	ug/L	95
16) Methylene chloride	2.445	84	85976	4.690	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	181150	5.035	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	83120	5.019	ug/L	94
19) 1,1-Dichloroethane	3.111	63	163699	5.009	ug/L	99
21) 2-Butanone	3.895	43	156458m	47.153	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	86532	4.989	ug/L	98
23) Bromochloromethane	4.146	128	36862	5.061	ug/L	97
25) Chloroform	4.275	83	159383	4.911	ug/L	100

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27) 1,2-Dichloroethane	5.043	62	91860	5.030	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	134172	5.176	ug/L	97
30) Cyclohexane	4.580	56	129353	5.417	ug/L	99
31) Carbon tetrachloride	4.735	117	113965	5.137	ug/L	99
33) Benzene	5.008	78	342064	5.283	ug/L	100
34) Trichloroethene	5.834	95	89117	5.283	ug/L	97
35) Methylcyclohexane	6.050	83	135788	5.285	ug/L	99
37) 1,2-Dichloropropane	6.091	63	89028	5.303	ug/L	100
38) Bromodichloromethane	6.432	83	112920	5.332	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	125181	5.551	ug/L	94
40) 4-Methyl-2-pentanone	7.156	43	410758	54.226	ug/L	99
42) Toluene	7.313	91	369202	5.424	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	102166	5.465	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	57778	5.238	ug/L	99
47) Tetrachloroethene	7.902	164	66454	5.243	ug/L	98
48) 2-Hexanone	8.075	43	314623	55.019	ug/L	97
49) Dibromochloromethane	8.175	129	66926	5.154	ug/L	97
50) 1,2-Dibromoethane	8.281	107	54877	5.284	ug/L	100
51) Chlorobenzene	8.812	112	230941	5.252	ug/L	99
52) Ethylbenzene	8.943	91	398232	5.417	ug/L	100
53) m,p-Xylene	9.072	106	145030	5.373	ug/L	100
54) o-Xylene	9.477	106	144227	5.445	ug/L	97
55) Styrene	9.496	104	238193	5.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	69217	5.250	ug/L	97
59) Bromoform	9.667	173	34842	5.219	ug/L	100
60) Isopropylbenzene	9.866	105	363582	5.415	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	51572	5.143	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	297963	5.403	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	314032	5.613	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	181006	5.283	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	175187	5.105	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	166962	5.275	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	10614	5.149	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	136926	5.323	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	117877	5.899	ug/L	99
71) Naphthalene	13.438	128	218634	7.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	107030	6.090	ug/L	99

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

