

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034921.D
 Acq On : 02 Apr 2024 09:23
 Operator : SY/MD
 Sample : VSTD00147
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001247

Quant Time: Apr 03 04:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	181833	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	181573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	13599	0.907	ug/L	0.00
7) Chloroethane-d5	1.532	69	11062	0.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	5929	0.871	ug/L	0.00
20) 2-Butanone-d5	3.902	46	20419m	8.707	ug/L	0.06
24) Chloroform-d	4.256	84	21207	0.875	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	9574	0.874	ug/L	0.00
32) Benzene-d6	4.969	84	40110	0.844	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	11988	0.860	ug/L	0.00
41) Toluene-d8	7.249	98	35017	0.812	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	3839	0.775	ug/L	0.01
46) 2-Hexanone-d5	8.046	63	11830m	6.960	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	7971	0.819	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	11517	0.873	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14709	1.051	ug/L	98
3) Chloromethane	1.214	50	17233	1.015	ug/L	100
5) Vinyl chloride	1.285	62	18558	1.022	ug/L	100
6) Bromomethane	1.490	94	10739	1.036	ug/L	100
8) Chloroethane	1.552	64	12084	1.036	ug/L	97
9) Trichlorofluoromethane	1.716	101	24428	1.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15052	1.018	ug/L	98
12) 1,1-Dichloroethene	2.069	96	13634	0.988	ug/L	95
13) Acetone	2.140	43	14172m	8.286	ug/L	
14) Carbon disulfide	2.243	76	40641	0.988	ug/L	100
15) Methyl Acetate	2.397	43	3935m	0.833	ug/L	
16) Methylene chloride	2.449	84	15798	1.043	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	27659	0.930	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	13379	0.978	ug/L	94
19) 1,1-Dichloroethane	3.117	63	27678	1.025	ug/L	99
21) 2-Butanone	3.963	43	26617m	9.637	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	14169	0.989	ug/L	96
23) Bromochloromethane	4.159	128	6076	1.010	ug/L	94
25) Chloroform	4.281	83	26306	0.981	ug/L	99
27) 1,2-Dichloroethane	5.053	62	14509	0.962	ug/L #	93
29) 1,1,1-Trichloroethane	4.519	97	21370	0.960	ug/L	98
30) Cyclohexane	4.584	56	19316	0.942	ug/L	98
31) Carbon tetrachloride	4.738	117	19308	1.014	ug/L	96
33) Benzene	5.018	78	51904	0.934	ug/L	100
34) Trichloroethene	5.841	95	14104	0.974	ug/L	97
35) Methylcyclohexane	6.047	83	20791	0.943	ug/L	97
37) 1,2-Dichloropropane	6.098	63	12815	0.889	ug/L #	96
38) Bromodichloromethane	6.439	83	17512	0.963	ug/L	97
39) cis-1,3-Dichloropropene	6.969	75	16718	0.863	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	58498m	9.491	ug/L	
42) Toluene	7.320	91	55160	0.944	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	13398	0.835	ug/L	98

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

45) 1,1,2-Trichloroethane	7.776	97	9422	0.995	ug/L	94
47) Tetrachloroethene	7.905	164	10408	0.956	ug/L	90
48) 2-Hexanone	8.091	43	44231m	9.195	ug/L	
49) Dibromochloromethane	8.181	129	10550	0.946	ug/L	90
50) 1,2-Dibromoethane	8.291	107	8839	0.991	ug/L #	96
51) Chlorobenzene	8.818	112	36436	0.965	ug/L	99
52) Ethylbenzene	8.950	91	57315	0.908	ug/L	100
53) m,p-Xylene	9.075	106	21166	0.913	ug/L	99
54) o-Xylene	9.480	106	19734	0.868	ug/L	95
55) Styrene	9.500	104	29762	0.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	10836	0.957	ug/L	95
59) Bromoform	9.667	173	4883	0.938	ug/L #	91
60) Isopropylbenzene	9.866	105	48831	0.933	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	7553	0.966	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.477	105	38407	0.893	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	37712	0.865	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	26071	0.976	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	26325	0.984	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	23922	0.970	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	1600	0.996	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	19642	0.980	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	14320	0.919	ug/L	97
71) Naphthalene	13.445	128	17888	0.817	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	12305	0.898	ug/L	98

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

