

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034018.D
 Acq On : 07 Feb 2024 09:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/09/2024
 Supervised By :Semsettin Yesilyurt 02/09/2024

Quant Time: Feb 08 04:37:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	90674	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	83024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	43348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26916	3.833	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.600%		
7) Chloroethane-d5	1.535	69	24971	4.060	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	81.200%		
11) 1,1-Dichloroethene-d2	2.059	65	14028	4.142	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	82.800%		
20) 2-Butanone-d5	3.809	46	44066m	37.363	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	74.720%		
24) Chloroform-d	4.249	84	57211	4.483	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.600%		
26) 1,2-Dichloroethane-d4	4.944	65	26013	4.362	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.200%		
32) Benzene-d6	4.960	84	104808	4.208	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	5.989	67	28523	4.096	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	82.000%		
41) Toluene-d8	7.243	98	96753	4.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.600%		
43) trans-1,3-Dichloroprop...	7.554	79	10647	4.050	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.000%		
46) 2-Hexanone-d5	8.027	63	39177	41.741	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	83.480%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18447	4.370	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	33319	4.226	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	84.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	40210	4.839	ug/L	100
3) Chloromethane	1.217	50	42773	4.719	ug/L	98
5) Vinyl chloride	1.285	62	40512	4.678	ug/L	90
6) Bromomethane	1.490	94	21260	4.661	ug/L	100
8) Chloroethane	1.551	64	24708	4.182	ug/L	95
9) Trichlorofluoromethane	1.715	101	63535	5.090	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33445	5.126	ug/L	99
12) 1,1-Dichloroethene	2.069	96	31201	4.926	ug/L	100
13) Acetone	2.137	43	35066m	39.191	ug/L	
14) Carbon disulfide	2.243	76	89537	4.369	ug/L	100
15) Methyl Acetate	2.384	43	10661m	5.035	ug/L	
16) Methylene chloride	2.449	84	28620	4.709	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	62281	4.785	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	30400	4.712	ug/L	97
19) 1,1-Dichloroethane	3.111	63	57752	4.871	ug/L	98
21) 2-Butanone	3.892	43	48628m	41.126	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	33164	4.531	ug/L	99
23) Bromochloromethane	4.149	128	12931	5.081	ug/L	94
25) Chloroform	4.275	83	58968	4.921	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	33970	4.950	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	57361	5.146	ug/L	99
30) Cyclohexane	4.580	56	51216	4.725	ug/L	99
31) Carbon tetrachloride	4.735	117	49956	5.122	ug/L	98
33) Benzene	5.008	78	121871	4.894	ug/L	100
34) Trichloroethene	5.831	95	33298	4.620	ug/L	95
35) Methylcyclohexane	6.050	83	53724	4.749	ug/L	97
37) 1,2-Dichloropropane	6.091	63	28077	4.655	ug/L	99
38) Bromodichloromethane	6.432	83	37885	4.785	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	44164	4.812	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	135624	46.953	ug/L	98
42) Toluene	7.313	91	131609	4.945	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	34740	4.930	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	18490	4.964	ug/L	95
47) Tetrachloroethene	7.905	164	27159	4.638	ug/L	96
48) 2-Hexanone	8.075	43	97223	47.751	ug/L	99
49) Dibromochloromethane	8.175	129	22029	4.977	ug/L	98
50) 1,2-Dibromoethane	8.284	107	16311	4.879	ug/L	95
51) Chlorobenzene	8.812	112	84007	4.992	ug/L	100
52) Ethylbenzene	8.943	91	151651	4.950	ug/L	100
53) m,p-Xylene	9.072	106	57127	4.935	ug/L	98
54) o-Xylene	9.477	106	55242	4.949	ug/L	99
55) Styrene	9.496	104	90326	5.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	19636	4.995	ug/L	97
59) Bromoform	9.667	173	11417	4.781	ug/L	98
60) Isopropylbenzene	9.866	105	156640	4.884	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14614	4.904	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	131583	4.853	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	128063	4.861	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	68889	4.926	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	66492	4.801	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	59363	4.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	2871	4.597	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	54026	4.992	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	42546	5.036	ug/L	98
71) Naphthalene	13.442	128	56250	5.081	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	35083	5.182	ug/L	100

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

