

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021624\
 Data File : VW034227.D
 Acq On : 16 Feb 2024 19:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005357

Quant Time: Feb 19 00:47:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 19 00:41:47 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	72132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24158	4.324	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	86.400%		
7) Chloroethane-d5	1.532	69	20391	4.167	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	83.400%		
11) 1,1-Dichloroethene-d2	2.060	65	11827	4.390	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	87.800%		
20) 2-Butanone-d5	3.841	46	36306	38.696	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	77.400%		
24) Chloroform-d	4.253	84	47781	4.707	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	4.947	65	22404	4.723	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.400%		
32) Benzene-d6	4.963	84	83810	4.191	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	83.800%		
36) 1,2-Dichloropropane-d6	5.992	67	22424	4.011	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	80.200%		
41) Toluene-d8	7.243	98	80263	4.367	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	7.558	79	9447	4.475	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.600%		
46) 2-Hexanone-d5	8.031	63	30083	39.922	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	79.840%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14522	4.285	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	85.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	28673	4.492	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	24360	3.685	ug/L	98
3) Chloromethane	1.214	50	28985	4.020	ug/L	99
5) Vinyl chloride	1.282	62	29806	4.326	ug/L	91
6) Bromomethane	1.491	94	14810	4.082	ug/L	98
8) Chloroethane	1.552	64	20009	4.257	ug/L	100
9) Trichlorofluoromethane	1.716	101	52338	5.271	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26668	5.138	ug/L	98
12) 1,1-Dichloroethene	2.069	96	26189	5.197	ug/L	98
13) Acetone	2.156	43	33636	47.256	ug/L #	43
14) Carbon disulfide	2.240	76	71116	4.362	ug/L	99
15) Methyl Acetate	2.391	43	9381m	5.569	ug/L	
16) Methylene chloride	2.449	84	24073	4.979	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	55062	5.318	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	24011	4.678	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45117	4.784	ug/L	93
21) 2-Butanone	3.915	43	44943	47.781	ug/L #	78
22) cis-1,2-Dichloroethene	3.818	96	26312	4.519	ug/L	97
23) Bromochloromethane	4.153	128	10460	5.167	ug/L	91
25) Chloroform	4.278	83	48329	5.069	ug/L	99

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27) 1,2-Dichloroethane	5.047	62	27847	5.101	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	45556	5.090	ug/L	98
30) Cyclohexane	4.584	56	36883	4.238	ug/L	94
31) Carbon tetrachloride	4.735	117	41294	5.273	ug/L	99
33) Benzene	5.011	78	95104	4.757	ug/L	100
34) Trichloroethene	5.834	95	26332	4.551	ug/L	97
35) Methylcyclohexane	6.050	83	39634	4.364	ug/L	97
37) 1,2-Dichloropropane	6.095	63	20234	4.178	ug/L	100
38) Bromodichloromethane	6.436	83	31885	5.016	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	33645	4.566	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	115697	49.889	ug/L	99
42) Toluene	7.317	91	106690	4.993	ug/L	95
44) trans-1,3-Dichloropropene	7.584	75	27998	4.949	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	14509	4.852	ug/L	97
47) Tetrachloroethene	7.905	164	21567	4.587	ug/L	95
48) 2-Hexanone	8.082	43	80982	49.539	ug/L	99
49) Dibromochloromethane	8.178	129	18579	5.228	ug/L	97
50) 1,2-Dibromoethane	8.285	107	13507	5.032	ug/L #	97
51) Chlorobenzene	8.815	112	66622	4.931	ug/L	96
52) Ethylbenzene	8.947	91	119308	4.851	ug/L	98
53) m,p-Xylene	9.072	106	44463	4.784	ug/L	96
54) o-Xylene	9.477	106	43754	4.882	ug/L	100
55) Styrene	9.497	104	70567	4.917	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	15715	4.979	ug/L	96
59) Bromoform	9.667	173	9350	4.835	ug/L	97
60) Isopropylbenzene	9.866	105	115143	4.433	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	12291	5.093	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	103185	4.699	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	100171	4.695	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	54329	4.797	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	51228	4.568	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	48847	5.022	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2570	5.082	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	39425	4.498	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	31669	4.629	ug/L	98
71) Naphthalene	13.442	128	41891	4.673	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	27299	4.980	ug/L	100

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

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