

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034016.D
 Acq On : 06 Feb 2024 17:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005340

Quant Time: Feb 07 04:42:41 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	91423	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23917	3.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.532	69	22502	3.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.060	65	12224	3.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.831	46	53908m	45.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.660%
24) Chloroform-d	4.252	84	52719	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.950	65	24933	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	4.963	84	95376	3.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	5.992	67	27389	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.246	98	89663	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.558	79	10348	3.864	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.027	63	43725	45.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.460%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18244	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	32435	4.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35935	4.289	ug/L	100
3) Chloromethane	1.214	50	39720	4.346	ug/L	99
5) Vinyl chloride	1.281	62	38731	4.435	ug/L	88
6) Bromomethane	1.487	94	19107	4.155	ug/L	96
8) Chloroethane	1.548	64	24238	4.069	ug/L	97
9) Trichlorofluoromethane	1.712	101	60162	4.781	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	30069	4.571	ug/L	100
12) 1,1-Dichloroethene	2.069	96	29830	4.671	ug/L	92
13) Acetone	2.150	43	41105m	45.564	ug/L	
14) Carbon disulfide	2.240	76	82395	3.987	ug/L	100
15) Methyl Acetate	2.394	43	9630	4.510	ug/L #	74
16) Methylene chloride	2.449	84	27493	4.486	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	63767	4.859	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	29141	4.480	ug/L	98
19) 1,1-Dichloroethane	3.114	63	55311	4.627	ug/L	96
21) 2-Butanone	3.905	43	60219m	50.512	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	31418	4.257	ug/L	96
23) Bromochloromethane	4.153	128	12534	4.885	ug/L	89
25) Chloroform	4.278	83	57201	4.734	ug/L	98

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27) 1,2-Dichloroethane	5.047	62	34996	5.058	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	59208	5.215	ug/L	99
30) Cyclohexane	4.584	56	47172	4.272	ug/L	99
31) Carbon tetrachloride	4.738	117	47288	4.760	ug/L	99
33) Benzene	5.011	78	115492	4.553	ug/L	100
34) Trichloroethene	5.834	95	31893	4.344	ug/L	98
35) Methylcyclohexane	6.053	83	49333	4.281	ug/L	100
37) 1,2-Dichloropropane	6.095	63	27567	4.486	ug/L	100
38) Bromodichloromethane	6.436	83	38661	4.793	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	42595	4.556	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	144441	49.091	ug/L	99
42) Toluene	7.317	91	127081	4.688	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	34494	4.805	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	18249	4.810	ug/L	97
47) Tetrachloroethene	7.905	164	25713	4.311	ug/L	94
48) 2-Hexanone	8.079	43	100316	48.368	ug/L	100
49) Dibromochloromethane	8.178	129	21622	4.796	ug/L	95
50) 1,2-Dibromoethane	8.284	107	16861	4.951	ug/L #	97
51) Chlorobenzene	8.815	112	79108	4.615	ug/L	97
52) Ethylbenzene	8.947	91	146069	4.681	ug/L	98
53) m,p-Xylene	9.072	106	53991	4.579	ug/L	99
54) o-Xylene	9.477	106	52374	4.606	ug/L	98
55) Styrene	9.497	104	87066	4.782	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	19784	4.941	ug/L	97
59) Bromoform	9.667	173	11149	4.564	ug/L	100
60) Isopropylbenzene	9.866	105	148397	4.523	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	14223	4.665	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	125365	4.519	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	122094	4.530	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	65537	4.581	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	62762	4.430	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	57325	4.665	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3318	5.193	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	50831	4.591	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	40286	4.661	ug/L	97
71) Naphthalene	13.442	128	57106	5.042	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	33143	4.786	ug/L	99

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

