

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060801.D
 Acq On : 16 Sep 2024 23:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Sep 17 01:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	72943	4.841	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.911	69	55593	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	27708	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.634	46	127363	52.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	5.052	84	120094	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.695	65	58258	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.721	84	240254	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.682	67	72985	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.891	98	226412	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	8.174	79	27447	5.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.628	63	113409	55.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59185	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	79248	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63061	4.987	ug/L	98
3) Chloromethane	1.515	50	64642	4.839	ug/L	99
5) Vinyl chloride	1.602	62	70903	4.904	ug/L	99
6) Bromomethane	1.853	94	43898	4.751	ug/L	100
8) Chloroethane	1.930	64	41553	4.704	ug/L	97
9) Trichlorofluoromethane	2.136	101	95746	4.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55677	4.825	ug/L	97
12) 1,1-Dichloroethene	2.576	96	51027	4.842	ug/L	93
13) Acetone	2.653	43	81896m	50.749	ug/L	
14) Carbon disulfide	2.789	76	141251	4.832	ug/L	99
15) Methyl Acetate	2.959	43	20604	5.237	ug/L #	88
16) Methylene chloride	3.039	84	64490	5.285	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	119298	5.009	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	52660	4.823	ug/L	97
19) 1,1-Dichloroethane	3.859	63	107618	4.909	ug/L	96
21) 2-Butanone	4.711	43	123983	47.197	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	61730	5.108	ug/L	95
23) Bromochloromethane	4.969	128	29361	5.144	ug/L	95
25) Chloroform	5.078	83	112276	4.912	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060801.D
 Acq On : 16 Sep 2024 23:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Sep 17 01:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68764	5.191	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	91852	4.881	ug/L	98
30) Cyclohexane	5.380	56	72545	4.690	ug/L	98
31) Carbon tetrachloride	5.515	117	81952	4.919	ug/L	99
33) Benzene	5.766	78	241827	5.046	ug/L	100
34) Trichloroethene	6.538	95	62303	4.959	ug/L	97
35) Methylcyclohexane	6.756	83	78511	4.555	ug/L	99
37) 1,2-Dichloropropane	6.782	63	67263	5.093	ug/L #	96
38) Bromodichloromethane	7.097	83	79517	4.909	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	84559	4.814	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	321433	52.123	ug/L	100
42) Toluene	7.962	91	267564	5.339	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	71467	4.948	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	48204	5.056	ug/L	97
47) Tetrachloroethene	8.544	164	50170	5.025	ug/L	96
48) 2-Hexanone	8.676	43	244488	54.391	ug/L	99
49) Dibromochloromethane	8.801	129	55564	5.120	ug/L	97
50) 1,2-Dibromoethane	8.914	107	45005	5.289	ug/L #	92
51) Chlorobenzene	9.438	112	167820	4.987	ug/L	98
52) Ethylbenzene	9.563	91	261786	4.962	ug/L	99
53) m,p-Xylene	9.689	106	105727	5.286	ug/L	99
54) o-Xylene	10.094	106	99940	5.063	ug/L	99
55) Styrene	10.107	104	171212	5.146	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	61516	5.173	ug/L	99
59) Bromoform	10.283	173	34100	5.073	ug/L	99
60) Isopropylbenzene	10.476	105	261442	4.946	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41571	4.997	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196873	4.792	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	195144	4.807	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	131358	4.942	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	129915	4.729	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	124234	4.943	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8082	4.975	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	90226	4.538	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	66168	4.725	ug/L	98
71) Naphthalene	14.081	128	83741	4.533	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59240	4.896	ug/L	99

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

