

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037322.D
 Acq On : 18 Sep 2024 09:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005399

Quant Time: Sep 19 01:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	335061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	339257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	176058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	73114	3.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.529	69	83079	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	39873	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.844	46	264229m	44.978	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.960%
24) Chloroform-d	4.239	84	212433	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.937	65	100975	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.953	84	379641	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.982	67	122587	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.236	98	338489	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.551	79	39532	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.027	63	197338	43.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102244	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	128302	4.099	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154670	4.969	ug/L	100
3) Chloromethane	1.214	50	161080	4.850	ug/L	98
5) Vinyl chloride	1.278	62	160918	4.930	ug/L	99
6) Bromomethane	1.484	94	92589	4.729	ug/L	99
8) Chloroethane	1.545	64	97321	4.959	ug/L	99
9) Trichlorofluoromethane	1.709	101	206313	5.082	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	124116	5.048	ug/L	98
12) 1,1-Dichloroethene	2.063	96	116395	4.957	ug/L	96
13) Acetone	2.182	43	186138m	45.506	ug/L	
14) Carbon disulfide	2.233	76	355353	4.800	ug/L	100
15) Methyl Acetate	2.394	43	54380	5.804	ug/L #	82
16) Methylene chloride	2.439	84	129850	4.810	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	273267	4.896	ug/L	99
18) trans-1,2-Dichloroethene	2.686	96	123727	5.008	ug/L	98
19) 1,1-Dichloroethane	3.104	63	234502	4.971	ug/L	99
21) 2-Butanone	3.915	43	299596m	48.191	ug/L	
22) cis-1,2-Dichloroethene	3.809	96	131391	4.920	ug/L	98
23) Bromochloromethane	4.140	128	59721	5.164	ug/L	99
25) Chloroform	4.265	83	237884	5.006	ug/L	99

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27) 1,2-Dichloroethane	5.037	62	140404	5.221	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	201559	5.010	ug/L	99
30) Cyclohexane	4.571	56	185540	4.754	ug/L	98
31) Carbon tetrachloride	4.722	117	170253	4.972	ug/L	99
33) Benzene	5.001	78	511284	5.002	ug/L	100
34) Trichloroethene	5.825	95	135591	4.922	ug/L	98
35) Methylcyclohexane	6.040	83	202695	4.841	ug/L	99
37) 1,2-Dichloropropane	6.085	63	125126	4.811	ug/L	99
38) Bromodichloromethane	6.426	83	161761	4.968	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	177602	4.715	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	729328	48.984	ug/L	97
42) Toluene	7.307	91	538757	5.067	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	144639	4.758	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	97242	5.224	ug/L	98
47) Tetrachloroethene	7.898	164	98431	4.993	ug/L	99
48) 2-Hexanone	8.075	43	499913	45.937	ug/L	100
49) Dibromochloromethane	8.169	129	99457	5.100	ug/L	99
50) 1,2-Dibromoethane	8.278	107	90095	5.123	ug/L	95
51) Chlorobenzene	8.808	112	345803	4.884	ug/L	98
52) Ethylbenzene	8.940	91	574897	4.844	ug/L	99
53) m,p-Xylene	9.066	106	220734	5.055	ug/L	99
54) o-Xylene	9.471	106	212060	4.906	ug/L	99
55) Styrene	9.490	104	372332	5.081	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	114109	5.075	ug/L	97
59) Bromoform	9.660	173	50363	4.890	ug/L	100
60) Isopropylbenzene	9.860	105	571110	4.846	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	76796	4.794	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	450110	4.817	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	458122	4.881	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	272312	4.888	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	274303	4.801	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	250948	4.859	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	15409	4.638	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	188784	4.752	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	146383	4.476	ug/L	99
71) Naphthalene	13.435	128	190964	3.821	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	124800	4.612	ug/L	97

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

