

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027695.D
 Acq On : 02 Sep 2022 02:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005399

Quant Time: Sep 02 03:00:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 09/02/2022

Supervised By :Mahesh
 Dadoda
 09/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152648	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69092	4.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.568	69	60699	4.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.108	63	140575	4.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.600%	
20) 2-Butanone-d5	3.886	46	101802	36.309	ug/L	-0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.620%	
24) Chloroform-d	4.346	84	146116	4.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.031	65	67028	4.495	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.047	84	282023	4.780	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.066	67	79367	4.349	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.313	98	255928	5.009	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	7.622	79	27242	4.845	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.000%	
46) 2-Hexanone-d5	8.088	63	109406	51.748	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52652	4.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	81730	4.873	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	93401	4.491	ug/L	96
3) Chloromethane	1.240	50	86331	4.336	ug/L	96
5) Vinyl chloride	1.310	62	86906	4.584	ug/L	96
6) Bromomethane	1.523	94	42896	4.814	ug/L	98
8) Chloroethane	1.584	64	49924	4.711	ug/L	94
9) Trichlorofluoromethane	1.754	101	127394	5.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	63324	4.574	ug/L	99
12) 1,1-Dichloroethene	2.118	96	61788	4.849	ug/L	96
13) Acetone	2.172	43	78139m	41.187	ug/L	
14) Carbon disulfide	2.294	76	188421	4.680	ug/L	99
15) Methyl Acetate	2.433	43	20957	4.164	ug/L	92
16) Methylene chloride	2.507	84	67754	4.215	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	128171	4.709	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	67574	4.679	ug/L	99
19) 1,1-Dichloroethane	3.185	63	126253	4.465	ug/L	98
21) 2-Butanone	3.973	43	100505m	39.061	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	68433	4.748	ug/L	90
23) Bromochloromethane	4.249	128	28196	4.416	ug/L	95
25) Chloroform	4.371	83	130286	4.388	ug/L	94

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27) 1,2-Dichloroethane	5.130	62	69622	4.295	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	118583	4.761	ug/L	98
30) Cyclohexane	4.674	56	100695	4.793	ug/L	94
31) Carbon tetrachloride	4.825	117	101372	4.757	ug/L	100
33) Benzene	5.098	78	274861	4.892	ug/L	100
34) Trichloroethene	5.912	95	68441	4.956	ug/L	98
35) Methylcyclohexane	6.127	83	103311	4.821	ug/L	96
37) 1,2-Dichloropropane	6.169	63	64476	4.545	ug/L #	96
38) Bromodichloromethane	6.506	83	85175	4.747	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	83628	4.829	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	310632	49.268	ug/L	98
42) Toluene	7.384	91	291668	5.199	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	67985	4.816	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	42515	4.646	ug/L	96
47) Tetrachloroethene	7.973	164	53888	4.813	ug/L	96
48) 2-Hexanone	8.140	43	227017	47.979	ug/L	96
49) Dibromochloromethane	8.243	129	51546	4.754	ug/L	97
50) 1,2-Dibromoethane	8.352	107	38336	4.677	ug/L	97
51) Chlorobenzene	8.879	112	176483	4.990	ug/L	99
52) Ethylbenzene	9.011	91	294450	5.181	ug/L	98
53) m,p-Xylene	9.137	106	114390	5.235	ug/L	94
54) o-Xylene	9.542	106	111331	5.340	ug/L	99
55) Styrene	9.558	104	190593	5.353	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46781	4.624	ug/L	97
59) Bromoform	9.728	173	25335	4.761	ug/L	98
60) Isopropylbenzene	9.927	105	293262	5.173	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34498	4.552	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	79856	5.162	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	226211	5.086	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	139626	5.103	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	135727	4.989	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	123104	5.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6912	4.579	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.641	180	103678	5.256	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	75985	5.226	ug/L	99
71) Naphthalene	13.500	128	102131	4.488	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	66852	5.105	ug/L	99

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

