

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049957.D
 Acq On : 27 Jul 2022 18:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Jul 28 03:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:22:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	107834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	105627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47652	5.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.912	69	35665	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.562	65	17479	5.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.600%
20) 2-Butanone-d5	4.658	46	111310	54.007	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	5.063	84	75302	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.706	65	37571	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.722	84	150443	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.694	67	50514	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.896	98	139878	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.182	79	18465	5.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.639	63	68676	51.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43045	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	46247	5.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	44548	5.352	ug/L	100
3) Chloromethane	1.520	50	48208	4.888	ug/L	96
5) Vinyl chloride	1.600	62	49234	5.312	ug/L	99
6) Bromomethane	1.854	94	27447	5.350	ug/L	98
8) Chloroethane	1.932	64	27428	5.219	ug/L	98
9) Trichlorofluoromethane	2.134	101	58457	5.355	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	33348	5.189	ug/L	99
12) 1,1-Dichloroethene	2.575	96	31226	5.247	ug/L	89
13) Acetone	2.649	43	69771m	48.163	ug/L	
14) Carbon disulfide	2.784	76	87548	4.843	ug/L	98
15) Methyl Acetate	2.961	43	14109	4.694	ug/L	97
16) Methylene chloride	3.041	84	40864	4.466	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	94249	5.665	ug/L	99
18) trans-1,2-Dichloroethene	3.346	96	33751	5.160	ug/L	100
19) 1,1-Dichloroethane	3.861	63	70047	5.220	ug/L	98
21) 2-Butanone	4.739	43	114364	54.812	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	39702	5.078	ug/L	99
23) Bromochloromethane	4.970	128	18423	5.145	ug/L	96
25) Chloroform	5.089	83	71652	4.765	ug/L	98

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27) 1,2-Dichloroethane	5.796	62	42359	5.047	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	57688	5.143	ug/L	99
30) Cyclohexane	5.378	56	49837	5.264	ug/L	99
31) Carbon tetrachloride	5.517	117	46639	5.119	ug/L	100
33) Benzene	5.771	78	157387	5.105	ug/L	100
34) Trichloroethene	6.539	95	38745	5.170	ug/L	95
35) Methylcyclohexane	6.758	83	51962	5.257	ug/L	99
37) 1,2-Dichloropropane	6.793	63	42613	5.015	ug/L	99
38) Bromodichloromethane	7.105	83	52615	5.118	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	55364	5.036	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	262843	53.543	ug/L	99
42) Toluene	7.967	91	164013	5.232	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	46486	5.035	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	32451	5.112	ug/L	97
47) Tetrachloroethene	8.552	164	27273	5.057	ug/L	94
48) 2-Hexanone	8.690	43	210498	56.251	ug/L	98
49) Dibromochloromethane	8.809	129	35639	5.130	ug/L	100
50) 1,2-Dibromoethane	8.925	107	29006	5.146	ug/L	95
51) Chlorobenzene	9.446	112	101782	5.115	ug/L	99
52) Ethylbenzene	9.571	91	161717	5.266	ug/L	99
53) m,p-Xylene	9.693	106	60985	5.215	ug/L	99
54) o-Xylene	10.102	106	61437	5.419	ug/L	100
55) Styrene	10.115	104	105229	5.450	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43411	5.253	ug/L	94
59) Bromoform	10.291	173	20487	5.187	ug/L	99
60) Isopropylbenzene	10.484	105	156255	5.383	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29143	5.107	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	125125	5.306	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	123134	5.388	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	74157	5.336	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	71674	5.212	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	72988	5.286	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6560	5.820	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	53879	5.377	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	42656	5.336	ug/L	98
71) Naphthalene	14.086	128	89285	5.633	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	44577	5.619	ug/L	99

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

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