

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052551.D
 Acq On : 23 Dec 2022 20:39
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Dec 24 03:59:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	179575	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	176280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66900	3.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.916	69	67165	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.568	65	31802	4.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.645	46	342009	60.622	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.240%
24) Chloroform-d	5.060	84	151220	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.697	65	89283	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.723	84	295933	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.687	67	104049	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.893	98	258104	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.176	79	38756	5.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.800%
46) 2-Hexanone-d5	8.632	63	254751	65.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.720%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98023	5.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	95307	5.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	67200	4.205	ug/L	99
3) Chloromethane	1.523	50	113410	4.917	ug/L	98
5) Vinyl chloride	1.607	62	95556	4.570	ug/L	95
6) Bromomethane	1.861	94	38205	3.205	ug/L	99
8) Chloroethane	1.935	64	63821	4.457	ug/L	98
9) Trichlorofluoromethane	2.141	101	103551	4.381	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	59530	4.237	ug/L	99
12) 1,1-Dichloroethene	2.581	96	62090	4.617	ug/L	99
13) Acetone	2.668	43	199256m	47.910	ug/L	
14) Carbon disulfide	2.793	76	199963	4.614	ug/L	100
15) Methyl Acetate	2.964	43	50465	5.508	ug/L	99
16) Methylene chloride	3.044	84	88659	4.667	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	188349	5.246	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	67896	4.899	ug/L	97
19) 1,1-Dichloroethane	3.867	63	150929	5.007	ug/L	98
21) 2-Butanone	4.723	43	338696	55.296	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	78094	5.134	ug/L	96
23) Bromochloromethane	4.973	128	37931	5.381	ug/L	98
25) Chloroform	5.086	83	143789	4.923	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	105145	5.211	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	108002	4.868	ug/L	99
30) Cyclohexane	5.385	56	106831	4.456	ug/L	99
31) Carbon tetrachloride	5.520	117	89768	4.604	ug/L	100
33) Benzene	5.771	78	317364	4.998	ug/L	100
34) Trichloroethene	6.539	95	77373	5.213	ug/L	98
35) Methylcyclohexane	6.761	83	97561	4.359	ug/L	97
37) 1,2-Dichloropropane	6.787	63	92081	5.197	ug/L	100
38) Bromodichloromethane	7.102	83	107839	5.001	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	113365	5.052	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	762501	58.892	ug/L	99
42) Toluene	7.964	91	317739	5.219	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	108103	5.467	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	65802	5.244	ug/L	99
47) Tetrachloroethene	8.549	164	52809	5.097	ug/L	99
48) 2-Hexanone	8.684	43	579778	59.406	ug/L	100
49) Dibromochloromethane	8.806	129	72807	5.479	ug/L	96
50) 1,2-Dibromoethane	8.919	107	61515	5.393	ug/L	99
51) Chlorobenzene	9.443	112	196855	5.064	ug/L	99
52) Ethylbenzene	9.565	91	316488	5.023	ug/L	100
53) m,p-Xylene	9.690	106	121915	5.248	ug/L	98
54) o-Xylene	10.095	106	118640	5.327	ug/L	97
55) Styrene	10.108	104	215150	5.553	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	93306	5.379	ug/L	98
59) Bromoform	10.285	173	42587	5.236	ug/L	98
60) Isopropylbenzene	10.478	105	300824	5.014	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	66759	5.028	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	242449	4.899	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	252505	5.069	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	150862	5.068	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	151963	4.936	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	145306	4.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	16741	5.570	ug/L	83
69) 1,3,5-Trichlorobenzene	13.214	180	102600	4.680	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	89189	4.835	ug/L	98
71) Naphthalene	14.082	128	181057	4.851	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	88498	4.786	ug/L	99

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

