

Data File : VU041092.D
Acq On : 04 Nov 2020 09:57
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00515

Quant Time: Nov 05 00:44:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 04 17:09:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50300	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16730	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.92	69	13754	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.58	63	33574	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.65	46	82790	59.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.98%
24) Chloroform-d	5.08	84	35018	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	22855	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.74	84	62335	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	21426	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	54362	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	9670	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.64	63	59368	58.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21890	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	20048	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	22354	4.868	ug/L 100
3) Chloromethane	1.53	50	22827	4.767	ug/L 99
5) Vinyl chloride	1.61	62	23357	4.944	ug/L 99
6) Bromomethane	1.87	94	12999	4.801	ug/L 99
8) Chloroethane	1.94	64	14349	4.794	ug/L 95
9) Trichlorofluoromethane	2.15	101	31780	4.949	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	18958	5.038	ug/L 96
12) 1,1-Dichloroethene	2.59	96	17256	4.857	ug/L 92
13) Acetone	2.66	43	55762	58.611	ug/L # 61
14) Carbon disulfide	2.81	76	52991	4.463	ug/L 100
15) Methyl Acetate	2.97	43	12816	5.887	ug/L 95
16) Methylene chloride	3.06	84	20278	4.898	ug/L 96
17) Methyl tert-butyl Ether	3.38	73	48730	5.329	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	17512	4.850	ug/L 97
19) 1,1-Dichloroethane	3.89	63	37156	5.147	ug/L 97
21) 2-Butanone	4.73	43	86503	58.174	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	19046	5.114	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	9508	5.411	ug/L	97
25) Chloroform	5.11	83	38428	5.308	ug/L	98
27) 1,2-Dichloroethane	5.81	62	29532	5.477	ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	32107	5.253	ug/L	96
30) Cyclohexane	5.40	56	29894	4.964	ug/L	97
31) Carbon tetrachloride	5.54	117	27448	5.071	ug/L	98
33) Benzene	5.79	78	77550	5.193	ug/L	100
34) Trichloroethene	6.56	95	20316	5.346	ug/L	97
35) Methylcyclohexane	6.77	83	28325	4.997	ug/L	98
37) 1,2-Dichloropropane	6.80	63	22190	5.491	ug/L	98
38) Bromodichloromethane	7.11	83	27945	5.331	ug/L #	97
39) cis-1,3-Dichloropropene	7.61	75	29016	5.215	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	198934	61.745	ug/L	97
42) Toluene	7.98	91	81758	5.399	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	29115	5.592	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	16519	5.492	ug/L	98
47) Tetrachloroethene	8.56	164	14600	5.224	ug/L	98
48) 2-Hexanone	8.69	43	152795	62.983	ug/L	98
49) Dibromochloromethane	8.81	129	19380	5.548	ug/L	100
50) 1,2-Dibromoethane	8.93	107	15741	5.492	ug/L	98
51) Chlorobenzene	9.45	112	50167	5.224	ug/L	98
52) Ethylbenzene	9.57	91	82374	5.168	ug/L	99
53) m,p-Xylene	9.69	106	31539	5.425	ug/L	96
54) o-Xylene	10.10	106	29861	5.515	ug/L	99
55) Styrene	10.11	104	52527	5.445	ug/L	100
56) Isopropylbenzene	10.48	105	80505	5.530	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	23044	5.833	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	17918	5.950	ug/L	100
61) Bromoform	10.29	173	10700	5.425	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	40221	5.444	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	41578	5.434	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	38986	5.348	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4147	5.804	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	27864	5.393	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	22450	5.245	ug/L	100
69) Naphthalene	14.08	128	39423	5.151	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	21273	5.393	ug/L	99

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

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