

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015937.D
 Acq On : 07 May 2020 12:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:00 PM

Quant Time: May 08 05:19:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 05:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161654	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158420	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79979	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42841	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.57	69	39494	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	90979	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.97	46	131667	52.63	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	4.37	84	97862	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.06	65	54613	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.07	84	184637	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	57112	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.33	98	177652	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
45) trans-1,3-Dichloropropene-	7.64	79	23618	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
48) 2-Hexanone-d5	8.11	63	106037	53.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41560	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	64692	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64192	5.182	ug/L 99
3) Chloromethane	1.24	50	63886	5.094	ug/L 99
5) Vinyl chloride	1.32	62	61754	5.149	ug/L 99
6) Bromomethane	1.53	94	35255	5.180	ug/L 96
8) Chloroethane	1.59	64	38089	4.458	ug/L 96
9) Trichlorofluoromethane	1.76	101	82851	5.037	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46907	5.048	ug/L 99
12) 1,1-Dichloroethene	2.13	96	44280	4.977	ug/L 91
13) Acetone	2.27	43	84401m	51.145	ug/L
14) Carbon disulfide	2.30	76	152848	5.204	ug/L 100
15) Methyl Acetate	2.47	43	24273	6.365	ug/L # 79
16) Methylene chloride	2.52	84	51670	4.854	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	119974	5.190	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	50536	5.140	ug/L 98
19) 1,1-Dichloroethane	3.21	63	97115	5.129	ug/L 98
21) 2-Butanone	4.05	43	139273	55.418	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	52578	5.109	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.27	128	22697	5.167	ug/L	94
25) Chloroform	4.40	83	102758	4.927	ug/L	98
27) 1,2-Dichloroethane	5.16	62	65304	5.097	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	90323	5.170	ug/L	99
30) Cyclohexane	4.70	56	91326	5.217	ug/L	97
31) Carbon tetrachloride	4.85	117	77329	5.129	ug/L	97
33) Benzene	5.12	78	208536	5.232	ug/L	100
34) Trichloroethene	5.94	95	57268	5.034	ug/L	96
35) Methylcyclohexane	6.15	83	90068	5.234	ug/L	99
37) 1,2-Dichloropropane	6.20	63	50722	5.009	ug/L	99
38) Bromodichloromethane	6.53	83	66376	5.162	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	77006	5.380	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	347368	55.037	ug/L	100
42) Toluene	7.41	91	223000	5.278	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	211264	5.447	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	213326	5.504	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	65295	5.401	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	35493	5.249	ug/L	97
49) Tetrachloroethene	7.99	164	42178	5.314	ug/L	97
50) 2-Hexanone	8.16	43	247204	55.385	ug/L	100
51) Dibromochloromethane	8.27	129	40447	5.323	ug/L	98
52) 1,2-Dibromoethane	8.37	107	33033	5.267	ug/L	96
53) Chlorobenzene	8.90	112	141681	5.214	ug/L	97
54) Ethylbenzene	9.03	91	254944	5.307	ug/L	100
55) m,p-xylene	9.16	106	94742	5.326	ug/L	99
56) o-xylene	9.56	106	92164	5.419	ug/L	94
57) Styrene	9.58	104	153552	5.398	ug/L	100
58) Isopropylbenzene	9.95	105	253047	5.416	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38550	5.335	ug/L #	99
62) Bromoform	9.75	173	19773	5.381	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	114189	5.299	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	115621	5.341	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	104398	5.353	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6782	5.328	ug/L	97
68) 1,3,5-Trichlorobenzene	12.67	180	85245	5.411	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	74524	5.505	ug/L	98
70) Naphthalene	13.53	128	131222	6.095	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	66404	5.561	ug/L	99

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

