

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016242.D
 Acq On : 27 May 2020 20:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: May 28 01:27:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93866	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93834	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	47619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27858	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.58	69	24610	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	54802	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	3.94	46	72061	48.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.38%
24) Chloroform-d	4.38	84	56719	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	29972	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.08	84	105209	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.10	67	32701	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.34	98	101523	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	7.64	79	11410	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.11	63	52171	42.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24482	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	34508	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	44799	5.422	ug/L 100
3) Chloromethane	1.25	50	47021	5.205	ug/L 99
5) Vinyl chloride	1.32	62	42804	5.207	ug/L 95
6) Bromomethane	1.53	94	23751	5.136	ug/L 98
8) Chloroethane	1.60	64	27178	5.917	ug/L 98
9) Trichlorofluoromethane	1.77	101	55663	5.237	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30972	5.347	ug/L 98
12) 1,1-Dichloroethene	2.14	96	29595	5.345	ug/L 91
13) Acetone	2.21	43	49206	53.159	ug/L 91
14) Carbon disulfide	2.31	76	87713	5.111	ug/L 100
15) Methyl Acetate	2.46	43	12809	5.415	ug/L 99
16) Methylene chloride	2.53	84	32346	5.096	ug/L 99
17) Methyl tert-butyl Ether	2.79	73	69844	5.123	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	31035	5.122	ug/L 98
19) 1,1-Dichloroethane	3.21	63	63861	5.549	ug/L 100
21) 2-Butanone	4.02	43	84893	51.556	ug/L 89
22) cis-1,2-Dichloroethene	3.94	96	35128	4.902	ug/L 94

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 ALS Vial : 29 Sample Multiplier: 1

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

23) Bromochloromethane	4.28	128	14292	5.254	ug/L	94
25) Chloroform	4.41	83	64744	5.315	ug/L	98
27) 1,2-Dichloroethane	5.16	62	41000	5.149	ug/L #	96
29) 1,1,1-Trichloroethane	4.64	97	55859	5.016	ug/L	100
30) Cyclohexane	4.70	56	56583	4.741	ug/L	99
31) Carbon tetrachloride	4.86	117	46722	4.951	ug/L	99
33) Benzene	5.13	78	135624	5.023	ug/L	100
34) Trichloroethene	5.94	95	35236	5.009	ug/L	98
35) Methylcyclohexane	6.15	83	56419	4.755	ug/L	98
37) 1,2-Dichloropropane	6.20	63	34825	5.258	ug/L	99
38) Bromodichloromethane	6.53	83	40550	4.976	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	44322	4.725	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	207854	50.445	ug/L	99
42) Toluene	7.41	91	148820	5.054	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	131443	4.903	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	135996	4.925	ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	38562	4.948	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	21885	5.024	ug/L	95
49) Tetrachloroethene	8.00	164	25930	5.134	ug/L	97
50) 2-Hexanone	8.16	43	148866	51.807	ug/L	99
51) Dibromochloromethane	8.27	129	23609	5.117	ug/L	97
52) 1,2-Dibromoethane	8.38	107	20409	4.987	ug/L	93
53) Chlorobenzene	8.90	112	90584	4.978	ug/L	98
54) Ethylbenzene	9.03	91	163779	4.990	ug/L	98
55) m,p-xylene	9.16	106	62014	5.038	ug/L	96
56) o-xylene	9.57	106	57528	4.905	ug/L	98
57) Styrene	9.58	104	103015	5.277	ug/L	98
58) Isopropylbenzene	9.95	105	160016	4.980	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	26594	4.911	ug/L	100
62) Bromoform	9.75	173	10806	5.277	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	71053	4.889	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	71958	4.873	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	64140	4.883	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	4416	4.977	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	49066	4.771	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	41652	4.612	ug/L	99
70) Naphthalene	13.53	128	74228	3.762	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	37379	4.589	ug/L	99

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

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