

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052720\
 Data File : VV016216.D
 Acq On : 27 May 2020 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: May 28 01:14:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	98620	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	48822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29590	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	26179	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	58904	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.94	46	79373	49.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.38	84	61469	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	32173	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.08	84	114497	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	35386	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	111062	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	7.65	79	13303	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.12	63	57103	44.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26813	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	37690	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	47947	5.36	ug/L	100
3) Chloromethane	1.25	50	49175	5.03	ug/L	99
5) Vinyl chloride	1.32	62	46302	5.20	ug/L	98
6) Bromomethane	1.53	94	26817	5.35	ug/L	96
8) Chloroethane	1.60	64	26615	5.35	ug/L	100
9) Trichlorofluoromethane	1.77	101	60114	5.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33841	5.39	ug/L	98
12) 1,1-Dichloroethene	2.14	96	31364	5.23	ug/L	91
13) Acetone	2.21	43	52915	52.77	ug/L	88
14) Carbon disulfide	2.31	76	98171	5.28	ug/L	100
15) Methyl Acetate	2.46	43	13076	5.10	ug/L	99
16) Methylene chloride	2.53	84	34603	5.03	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	74623	5.05	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	33146	5.05	ug/L	98
19) 1,1-Dichloroethane	3.21	63	68058	5.46	ug/L	99
21) 2-Butanone	4.02	43	93192	52.25	ug/L	90
22) cis-1,2-Dichloroethene	3.94	96	37649	4.85	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	15255	5.18	ug/L	91
25) Chloroform	4.40	83	67501	5.12	ug/L	99
27) 1,2-Dichloroethane	5.16	62	43557	5.05	ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	60501	5.17	ug/L	99
30) Cyclohexane	4.70	56	64023	5.10	ug/L	98
31) Carbon tetrachloride	4.85	117	52479	5.29	ug/L	99
33) Benzene	5.13	78	146997	5.18	ug/L	100
34) Trichloroethene	5.94	95	38280	5.18	ug/L	97
35) Methylcyclohexane	6.15	83	63473	5.09	ug/L	99
37) 1,2-Dichloropropane	6.20	63	37100	5.33	ug/L	98
38) Bromodichloromethane	6.53	83	45300	5.29	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	49994	5.07	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	222566	51.39	ug/L	100
42) Toluene	7.41	91	161075	5.20	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	147153	5.22	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	150413	5.18	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	43031	5.25	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	23767	5.19	ug/L	99
49) Tetrachloroethene	8.00	164	28335	5.34	ug/L	98
50) 2-Hexanone	8.16	43	161298	53.41	ug/L	99
51) Dibromochloromethane	8.27	129	26261	5.42	ug/L	99
52) 1,2-Dibromoethane	8.38	107	22363	5.20	ug/L	99
53) Chlorobenzene	8.90	112	98652	5.16	ug/L	98
54) Ethylbenzene	9.03	91	178472	5.17	ug/L	99
55) m,p-xylene	9.16	106	67088	5.19	ug/L	97
56) o-xylene	9.57	106	64040	5.19	ug/L	97
57) Styrene	9.58	104	109628	5.34	ug/L	99
58) Isopropylbenzene	9.95	105	175320	5.19	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	28918	5.08	ug/L	99
62) Bromoform	9.75	173	12594	6.00	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	77736	5.22	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	79204	5.23	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	69802	5.18	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	4855	5.34	ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	54765	5.19	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	45888	4.96	ug/L	98
70) Naphthalene	13.53	128	85825	4.24	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	41171	4.93	ug/L	98

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

