

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010473.D
 Acq On : 24 Apr 2019 20:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Apr 25 02:26:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66896	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	54756	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	135721	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.40%
20) 2-Butanone-d5	3.95	46	161311	56.07	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.14%
24) Chloroform-d	4.40	84	151546	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.08	65	73297	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	293579	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	82488	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	292272	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	7.67	79	32115	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.14	63	129920	52.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	65294	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	114143	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	99239	5.467	ug/L	98
3) Chloromethane	1.25	50	83876	5.721	ug/L	97
5) Vinyl chloride	1.33	62	89231	5.625	ug/L	97
6) Bromomethane	1.53	94	52441	5.028	ug/L	91
8) Chloroethane	1.60	64	49378	5.543	ug/L	98
9) Trichlorofluoromethane	1.77	101	162285	5.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	83380	5.390	ug/L	98
12) 1,1-Dichloroethene	2.14	96	74047	5.279	ug/L	95
13) Acetone	2.19	43	88110	50.904	ug/L	97
14) Carbon disulfide	2.32	76	200125	5.279	ug/L	98
15) Methyl Acetate	2.46	43	21745	4.849	ug/L	100
16) Methylene chloride	2.54	84	75310	4.916	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	171491	5.206	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	79723	5.212	ug/L	96
19) 1,1-Dichloroethane	3.23	63	133986	5.495	ug/L	98
21) 2-Butanone	4.04	43	174416	57.487	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	90700	5.691	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010473.D
 Acq On : 24 Apr 2019 20:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Apr 25 02:26:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	41022	5.903	ug/L	92
25) Chloroform	4.43	83	164132	5.711	ug/L	97
27) 1,2-Dichloroethane	5.18	62	93747	5.559	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	145175	5.303	ug/L	99
30) Cyclohexane	4.72	56	121225	5.250	ug/L	100
31) Carbon tetrachloride	4.87	117	137197	5.513	ug/L	99
33) Benzene	5.14	78	329951	5.490	ug/L	100
34) Trichloroethene	5.96	95	93269	5.379	ug/L	97
35) Methylcyclohexane	6.17	83	135092	5.191	ug/L	99
37) 1,2-Dichloropropane	6.22	63	80878	5.545	ug/L	100
38) Bromodichloromethane	6.56	83	105871	5.393	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	110155	5.093	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	442182	53.620	ug/L	100
42) Toluene	7.43	91	371590	5.434	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	88591	5.303	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	58664	5.491	ug/L	98
47) Tetrachloroethene	8.02	164	82370	5.320	ug/L	96
48) 2-Hexanone	8.19	43	314639	54.851	ug/L	99
49) Dibromochloromethane	8.29	129	75735	5.488	ug/L	93
50) 1,2-Dibromoethane	8.40	107	57546	5.557	ug/L	98
51) Chlorobenzene	8.93	112	253151	5.449	ug/L	95
52) Ethylbenzene	9.05	91	406581	5.351	ug/L	99
53) m,p-xylene	9.18	106	162119	5.426	ug/L	100
54) o-xylene	9.59	106	159214	5.431	ug/L	96
55) Styrene	9.60	104	271628	5.712	ug/L	99
56) Isopropylbenzene	9.97	105	419247	5.370	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	67980	5.532	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	47762	5.294	ug/L	98
61) Bromoform	9.77	173	39225	5.442	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	204392	5.395	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	206154	5.403	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	195786	5.448	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	10052	5.164	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	168248	5.423	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	126346	5.382	ug/L	99
69) Naphthalene	13.55	128	171604	4.927	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	117328	5.271	ug/L	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042419\
Data File : VV010473.D
Acq On : 24 Apr 2019 20:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleID :
VSTD00545

Quant Time: Apr 25 02:26:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

