

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010490.D
 Acq On : 25 Apr 2019 03:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Apr 25 04:10:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 04:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244227	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	254805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133833	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58157	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	46496	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.13	63	122356	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.96	46	149944	49.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	4.40	84	140232	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	72135	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	282000	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	82437	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	284998	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	28860	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	124070	46.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64449	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	116501	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	92847	4.874	ug/L 96
3) Chloromethane	1.25	50	71441	4.644	ug/L 99
5) Vinyl chloride	1.32	62	80152	4.815	ug/L 96
6) Bromomethane	1.53	94	50393	4.604	ug/L 91
8) Chloroethane	1.60	64	45558	4.874	ug/L 98
9) Trichlorofluoromethane	1.77	101	153355	4.970	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	75831	4.672	ug/L 98
12) 1,1-Dichloroethene	2.14	96	67693	4.599	ug/L 94
13) Acetone	2.20	43	77806	42.839	ug/L 95
14) Carbon disulfide	2.32	76	177007	4.450	ug/L 99
15) Methyl Acetate	2.46	43	19343	4.111	ug/L 93
16) Methylene chloride	2.54	84	69355	4.315	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	154381	4.466	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	73026	4.550	ug/L 96
19) 1,1-Dichloroethane	3.23	63	120477	4.709	ug/L 99
21) 2-Butanone	4.04	43	163918	51.488	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	87828	5.252	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	38645	5.300	ug/L	95
25) Chloroform	4.43	83	166524	5.522	ug/L	99
27) 1,2-Dichloroethane	5.18	62	92794	5.244	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	143111	4.823	ug/L	99
30) Cyclohexane	4.72	56	113207	4.523	ug/L	97
31) Carbon tetrachloride	4.87	117	131159	4.862	ug/L	98
33) Benzene	5.15	78	327056	5.021	ug/L	100
34) Trichloroethene	5.96	95	89864	4.781	ug/L	91
35) Methylcyclohexane	6.17	83	123751	4.387	ug/L	99
37) 1,2-Dichloropropane	6.22	63	76492	4.838	ug/L	100
38) Bromodichloromethane	6.56	83	103501	4.863	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	97762	4.170	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	414186	46.335	ug/L	100
42) Toluene	7.43	91	371331	5.009	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	77759	4.294	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	58851	5.082	ug/L	95
47) Tetrachloroethene	8.02	164	80190	4.778	ug/L	96
48) 2-Hexanone	8.19	43	291378	46.861	ug/L	98
49) Dibromochloromethane	8.29	129	72880	4.872	ug/L	96
50) 1,2-Dibromoethane	8.40	107	54610	4.865	ug/L	98
51) Chlorobenzene	8.93	112	250233	4.969	ug/L	95
52) Ethylbenzene	9.05	91	390769	4.744	ug/L	98
53) m,p-xylene	9.18	106	158927	4.907	ug/L	96
54) o-xylene	9.59	106	152541	4.801	ug/L	97
55) Styrene	9.60	104	262145	5.086	ug/L	97
56) Isopropylbenzene	9.97	105	413231	4.883	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	66910	5.023	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	47249	4.832	ug/L	97
61) Bromoform	9.78	173	38806	4.891	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	200971	4.820	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	204879	4.878	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	195743	4.948	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9647	4.503	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	160438	4.698	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	120266	4.654	ug/L	98
69) Naphthalene	13.55	128	155282	4.050	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	118107	4.821	ug/L	98

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

