

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059422.D
 Acq On : 27 Nov 2019 14:07
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:49 AM

Quant Time: Nov 27 16:42:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	369869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	574344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	254370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	427827	98.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.48%	
35) Dibromofluoromethane	7.57	113	352108	100.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.30%	
50) Toluene-d8	10.08	98	1393087	99.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.88%	
62) 4-Bromofluorobenzene	12.40	95	502267	103.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	406271	93.325	ug/l	98
3) Chloromethane	2.04	50	469623	88.316	ug/l	98
4) Vinyl Chloride	2.17	62	461946	90.402	ug/l	100
5) Bromomethane	2.54	94	264826	86.077	ug/l	97
6) Chloroethane	2.68	64	257819	89.987	ug/l	97
7) Trichlorofluoromethane	3.00	101	544793	89.509	ug/l	97
8) Diethyl Ether	3.39	74	222255	89.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	333971	89.092	ug/l	99
10) Methyl Iodide	3.93	142	467399	95.795	ug/l	99
11) Tert butyl alcohol	4.75	59	338588	451.112	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	332822	90.660	ug/l	99
13) Acrolein	3.58	56	310725	424.095	ug/l	98
14) Allyl chloride	4.30	41	610555	89.674	ug/l	99
15) Acrylonitrile	4.95	53	993597	475.075	ug/l	100
16) Acetone	3.79	43	912065	441.878	ug/l	100
17) Carbon Disulfide	4.03	76	1074898	85.324	ug/l	100
18) Methyl Acetate	4.29	43	491694	87.477	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1101432	93.107	ug/l	98
20) Methylene Chloride	4.53	84	365015	87.032	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	359303	89.833	ug/l	98
22) Diisopropyl ether	5.92	45	1169391	92.424	ug/l	99
23) Vinyl Acetate	5.87	43	4869856	477.084	ug/l	99
24) 1,1-Dichloroethane	5.82	63	656689	90.207	ug/l	99
25) 2-Butanone	6.81	43	1356375	477.678	ug/l	100
26) 2,2-Dichloropropane	6.80	77	553358	89.320	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	395679	90.453	ug/l	99
28) Bromochloromethane	7.17	49	315338	125.365	ug/l	99
29) Tetrahydrofuran	7.19	42	893737	473.252	ug/l	100
30) Chloroform	7.35	83	629090	85.875	ug/l	100
31) Cyclohexane	7.63	56	634324	86.919	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	546092	91.157	ug/l	99
36) 1,1-Dichloropropene	7.77	75	506071	91.627	ug/l	100
37) Ethyl Acetate	6.90	43	540443	92.485	ug/l	99
38) Carbon Tetrachloride	7.75	117	492278	94.443	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	627304	94.936	ug/l	100
40) Benzene	8.02	78	1495268	91.179	ug/l	100
41) Methacrylonitrile	7.16	41	268871m	97.451	ug/l	
42) 1,2-Dichloroethane	8.11	62	481662	92.627	ug/l	100
43) Isopropyl Acetate	8.15	43	858298	96.684	ug/l	100
44) Trichloroethene	8.82	130	380378	90.968	ug/l	99
45) 1,2-Dichloropropane	9.10	63	395326	92.162	ug/l	99
46) Dibromomethane	9.20	93	246916	93.278	ug/l	99
47) Bromodichloromethane	9.39	83	494401	92.344	ug/l	99
48) Methyl methacrylate	9.19	41	386600	98.159	ug/l	100
49) 1,4-Dioxane	9.19	88	109779	1908.480	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2526392	490.637	ug/l	98
52) Toluene	10.15	92	908785	92.759	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	584451	95.002	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	632480	95.238	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	350589	91.424	ug/l	99
56) Ethyl methacrylate	10.42	69	573677	102.560	ug/l	99
57) 1,3-Dichloropropane	10.70	76	613404	92.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	149417	90.938	ug/l	99
59) 2-Hexanone	10.75	43	1915952	501.790	ug/l	99
60) Dibromochloromethane	10.90	129	389606	97.331	ug/l	100
61) 1,2-Dibromoethane	11.00	107	374175	95.221	ug/l	99
64) Tetrachloroethene	10.63	164	334451	86.725	ug/l	99
65) Chlorobenzene	11.43	112	942055	89.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	352299	92.038	ug/l	99
67) Ethyl Benzene	11.51	91	1717646	92.646	ug/l	99
68) m/p-Xylenes	11.62	106	1302158	188.117	ug/l	96
69) o-Xylene	11.95	106	618251	93.131	ug/l	99
70) Styrene	11.96	104	1030694	99.037	ug/l	100
71) Bromoform	12.13	173	289703	99.397	ug/l #	100
73) Isopropylbenzene	12.25	105	1651229	87.626	ug/l	100
74) N-amyl acetate	12.07	43	705853	99.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	536064	87.233	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	491547m	83.653	ug/l	
77) Bromobenzene	12.53	156	400963	86.910	ug/l	99
78) n-propylbenzene	12.59	91	1944056	89.525	ug/l	100
79) 2-Chlorotoluene	12.68	91	1131389	87.145	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1405295	88.717	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	207472	92.638	ug/l	99
82) 4-Chlorotoluene	12.78	91	1178576	88.144	ug/l	100
83) tert-Butylbenzene	12.99	119	1191571	87.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1393939	89.832	ug/l	100
85) sec-Butylbenzene	13.17	105	1619503	89.662	ug/l	100
86) p-Isopropyltoluene	13.29	119	1483619	90.858	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	725953	88.788	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	723643	88.156	ug/l	99
89) n-Butylbenzene	13.62	91	1355690	94.976	ug/l	99
90) Hexachloroethane	13.88	117	270035	86.521	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	694824	86.728	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	112538	80.640	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	469983	94.373	ug/l	99
94) Hexachlorobutadiene	15.01	225	252049	82.586	ug/l	99
95) Naphthalene	15.13	128	1281890	91.103	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	461174	86.938	ug/l	100

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

